

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

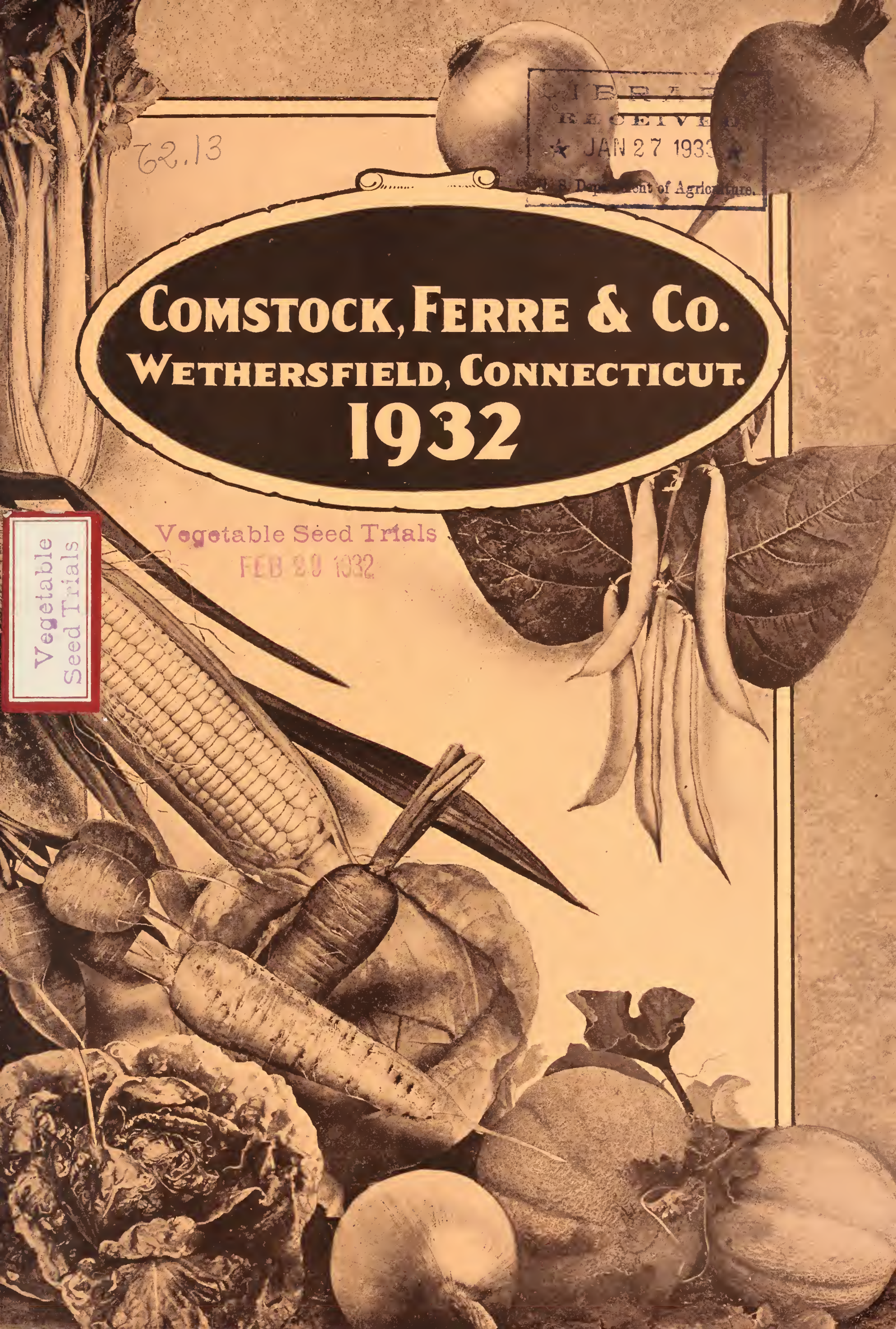
62.13

LIBRARY
RECEIVED
★ JAN 27 1933 ★
U. S. Department of Agriculture.

COMSTOCK, FERRE & Co. WETHERSFIELD, CONNECTICUT. 1932

Vegetable
Seed Trials

Vegetable Seed Trials
FEB 20 1932



1820

1932

Comstock, Ferre & Company

The year 1931 brought many changes — changes which everyone has felt, both rural and urban residents, employers and employees alike. To face these changes it requires not only a spirit of co-operation but a spirit of self-reliance — the ability to live a little more independently. It is now considered the best business judgment to maintain home surroundings in the best possible manner. Well-planned gardens with appropriate trees and shrubbery and well-kept lawns are not only beautiful but real additions to the value of property. The improvement of property and the planting of vegetables by home gardeners will undoubtedly increase this year due to the uncertainty of employment.

The commercial planting of vegetables throughout the country has received a severe setback on account of the very poor returns from last year's crop. While this may not mean increased prices for farm produce in 1932 it does indicate that some sections will not be in a position to flood the market so completely, giving local growers a better chance to sell. Buyers of vegetables should be made to realize that most of the amount paid to local growers remains to again be spent locally. The use of fresh local produce should be encouraged to the limit if for no other reason than this.

The price of seeds has lowered in common with other prices. They can now be planted with less cost than for years. No one can predict with certainty the opportunity for profit, but the co-operation between consumer and local producer must be maintained now as never before or both will suffer loss. A normal local production of vegetables and an increased use of home grown products is the first step toward more prosperous times.

For a number of years we have had a persistent demand for a catalogue containing some descriptive matter. This catalogue has been prepared in the hope that it may, in some measure, be of assistance in the selection of seeds for your planting. The varieties listed have been carefully considered and only those worth while and the best of their class have been given place. If you do not find listed the kinds you have been accustomed to purchase it is very probable that we can supply them, as we carry in stock a great many varieties for trade in other sections.

Please Read Before Mailing Your Order

NAME AND ADDRESS Write your name and post-office address in full and plainly on every order and letter sent us. If you have recently moved or if your post-office address has changed please give both old and new address that we may correct our records.

TERMS — CASH WITH ORDER Remittance should be made by Bank Draft, Post-Office Order or Express Money Order. Clean unused postage stamps will be accepted for amounts less than \$1.00. On no account send money itself unless by Registered Letter. Please do not ask us to ship C. O. D. unless 25% of the amount of the order is enclosed.

DELIVERY When cash accompanies order we will deliver prepaid by parcel post, express or truck, all seeds except Grass and Field Seeds, Field Corn and Beans, Sweet Corn and Peas at the 100 lb. rate. This delivery extends to the first three postal zones, or a distance of three hundred miles from Wethersfield, which includes all of New England except northern Maine, as far west as Buffalo, N. Y., and as far south as Washington, D. C. Unless otherwise arranged we will ship Grass and Field Seeds, Roots, Onion Sets, Seed Potatoes, Fertilizers and Insecticides by Express or Freight, as instructed, transportation charges to be collected from the customer. If you wish heavy seeds shipped by Parcel Post, please include the proper postage.

PACKING We make no charge for bags or packing when cash accompanies orders.

QUANTITIES We will not accept orders for quantities smaller than listed, except: 15 lbs. or more at the 100 lb. rate, 5 lbs. or more at the 10 lb. rate, and $\frac{1}{2}$ lb. at the 1 lb. rate and $\frac{1}{2}$ oz. at the 1 oz. rate where these rates are 40c or more per unit.

CHANGES IN PRICES Prices depend to a certain extent upon market conditions and are subject to change without notice. It is always well to write for special quotations on very large quantities of seed of any kind, particularly Grass and Field Seeds, Seed Potatoes and Onion Sets. We do not believe the highest quality of seeds can be offered at lower prices than we quote.

WARRANTY Comstock, Ferre & Co., give no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any seeds, bulbs or plants they send out, and will not be in any way responsible for the crop. When mentioned, purity and germination tests are for information only and without guarantee.

EARLY ORDERS Early orders receive the best attention. We will accept your orders for future shipment on whatever date you specify.

VEGETABLE SEEDS

*Reliable Strains of the Finest Varieties for
Market and Home Gardens*



ASPARAGUS

May be grown from seed, or better from year old roots, planted in early Spring 18 inches apart in 3 to 4 foot rows. The roots should be spread out horizontally and set 6 inches deep, covering but lightly at first. The seed may be sown in rows and the roots transplanted the following year. Cutting should be light until the second or third year after transplanting.

MARY WASHINGTON The finest variety in cultivation. Large stalked and a vigorous grower, resistant to rust. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

MARY WASHINGTON ROOTS We recommend the use of strong one year old roots of this variety as being as large as can be transplanted without a setback. 50, 80c; 100, \$1.50, postpaid. Not prepaid 500, \$6.00; 1000, \$10.00.

ARTICHOKE

A perennial with fleshy thistle-like heads, cooked like Asparagus. Sow in April and transplant 2 feet apart in 3 foot rows. Bank with earth for winter protection.

GREEN GLOBE Large globular heads. Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.25.

BEANS

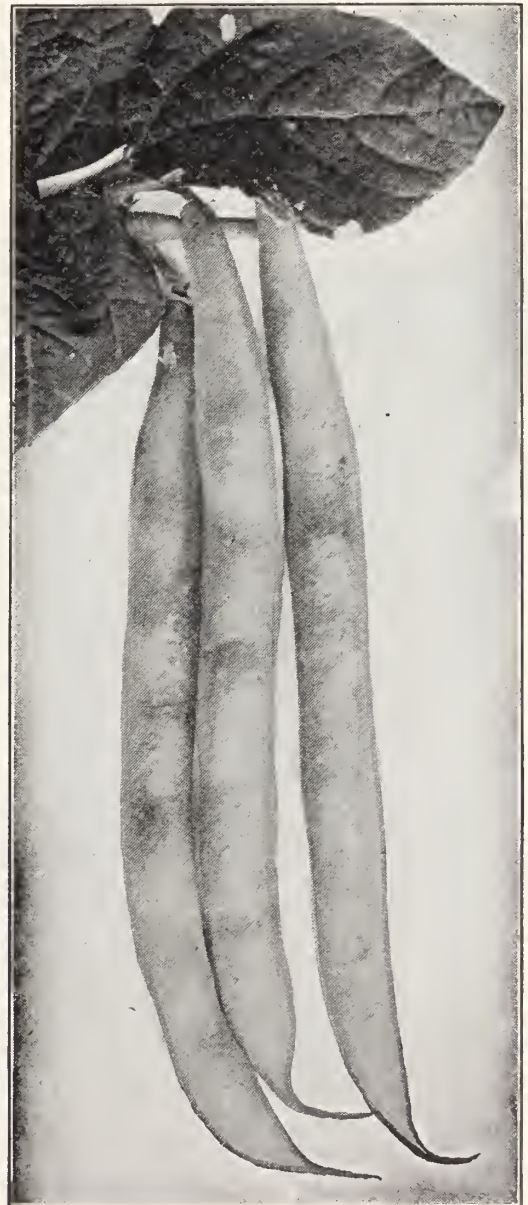
Beans are tender and should not be planted until danger from frost is past. Sow in drills 2 inches deep and $2\frac{1}{2}$ to 3 feet apart at intervals from the first of May until August. A larger yield will be obtained if the plants are thinned to 3 inches apart. Cultivate freely but not when the vines are wet. Approximate weight; 1 Bu. 60 lbs.; 1 Qt. 2 lbs.; 1 Pt. 1 lb.

Inoculate with Nodogen for best results. 1 Bu. size 50c. Garden size 25c.

15 lbs. or more at the 100 lb. rate.

Dwarf Green Podded Varieties

BURPEE'S STRINGLESS GREEN POD Probably more generally planted than any other green podded variety. The round green pods are meaty and remain tender until full grown. Pkt. 15c; Lb. 30c; 10 lbs. \$2.20, postpaid. Not prepaid, 100 lbs., 17c per lb.



Burpee's Stringless Green Pod

BLACK VALENTINE, STRINGLESS A new variety of attractive appearance and finest quality. Pods are slender, round and smooth and entirely stringless.

Pkt. 15c; Lb. 35c; 10 lbs. \$2.50, postpaid.
Not prepaid, 100 lbs. 20c per lb.

BOUNTIFUL This popular bean has very large flat pods which are always tender and stringless. A great cropper; pods 6 to 7 inches long.

Pkt. 15c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

LOW'S CHAMPION Red seeded. Fleshy thick pods of good quality.

Pkt. 15c; Lb. 30c; 10 lbs. \$2.30, postpaid.
Not prepaid, 100 lbs. 18c per lb.

DWARF HORTICULTURAL Early, vigorous and productive. Pods are straight, about 5 inches long, greenish yellow splashed with carmine. Used as a shell bean, either green or dry.

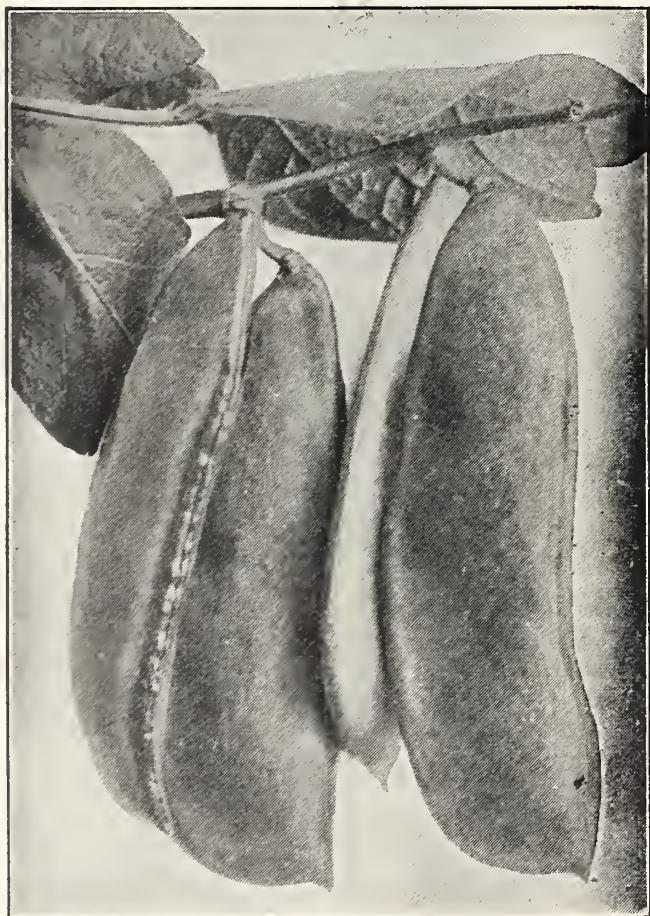
Pkt. 15c; Lb. 30c; 10 lbs. \$2.30, postpaid.
Not prepaid, 100 lbs. 18c per lb.

FRENCH'S DWARF HORTICULTURAL Very large podded and bright colored. Tends to show runners but does not climb. The best market variety.

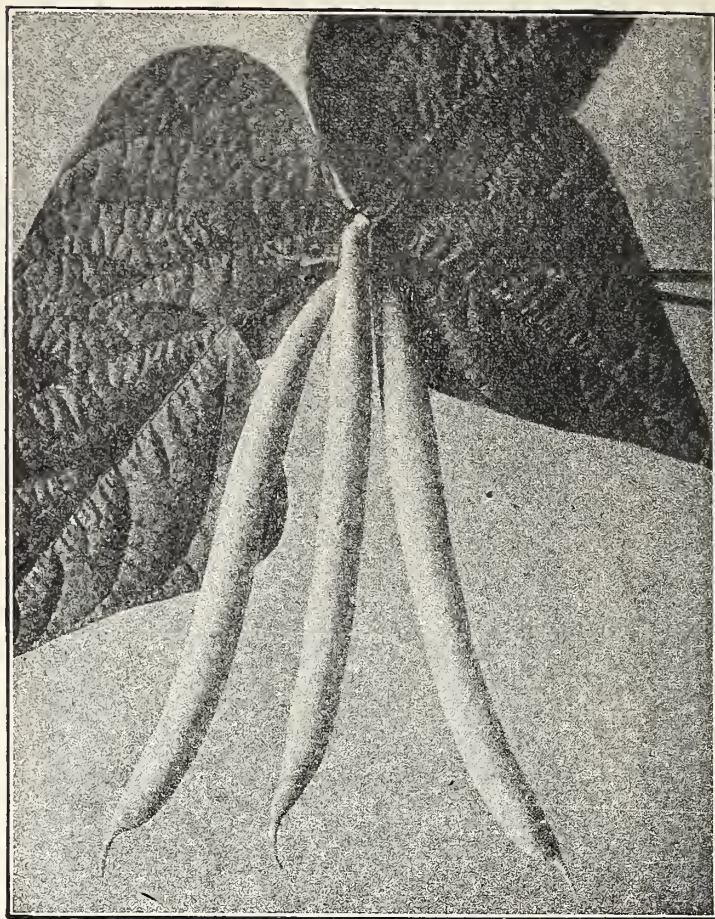
Pkt. 15c; Lb. 35c; 10 lbs. \$2.50, postpaid.
Not prepaid, 100 lbs. 20c per lb.

BROAD WINDSOR, OR FAVA A hardy variety to be planted in very early Spring. Produces large pods with very broad flat beans.

Pkt. 15c; Lb. 35c; 10 lbs. \$2.50, postpaid.
Not prepaid, 100 lbs. 20c per lb.



Burpee's Improved Bush Lima



Pencil Pod Black Wax

Dwarf Wax Podded Varieties

IMPROVED GOLDEN WAX A fine quality garden bean in common use. Pods are straight, flat and golden yellow in color.

Pkt. 15c; Lb. 30c; 10 lbs. \$2.30, postpaid.
Not prepaid, 100 lbs. 18c per lb.

PENCIL POD BLACK WAX Black seeded, but one of the finest wax sorts. Round straight pods 5 to 6 inches long and absolutely stringless.

Pkt. 15c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

ROUND POD KIDNEY WAX A fine, early, round-podded, stringless variety of highest quality. Pods somewhat curved, 5 to 6 inches long, and bright yellow.

Pkt. 15c; Lb. 30c; 10 lbs. \$2.30, postpaid.
Not prepaid, 100 lbs. 18c per lb.

SURECROP STRINGLESS BLACK WAX Entirely stringless; large flat pods, very long and straight. Sometimes called Bountiful Wax.

Pkt. 15c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

Baking Varieties

These should be planted later than string beans and are used only as dry beans, the pods being quite stringy.

Red Kidney

White Marrow

White Kidney

Yellow Eye

Pkt. 15c; Lb. 25c; 10 lbs. \$2.00, postpaid.
Not prepaid, 100 lbs. 15c per lb.

Dwarf or Bush Lima

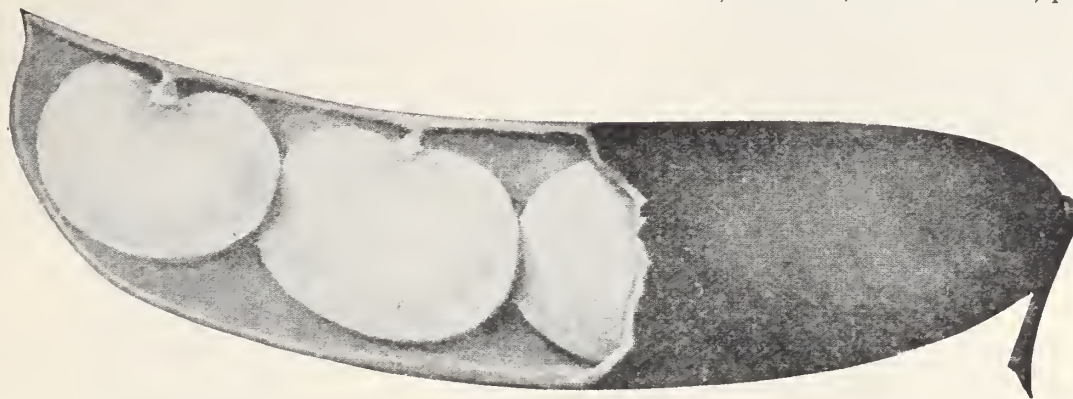
Limas are less hardy than other beans and should not be planted until the ground is thoroughly warm. They require more space than string or shell beans to produce a good crop. Plant in rows 3 feet apart, placing 2 or 3 beans 15 inches apart and covering not more than 1 inch.

BURPEE'S IMPROVED BUSH LIMA Strong vine with pods 5 to 6 inches long, filled with large thick beans.

Pkt. 15c; Lb. 35c; 10 lbs. \$2.70, postpaid.
Not prepaid, 100 lbs. 22c per lb.

FORDHOOK BUSH LIMA Produces a heavy crop of rather short fat pods in clusters. The beans are very thick and meaty. Most popular market variety.

Pkt. 15c; Lb. 35c; 10 lbs. \$2.90, postpaid.
Not prepaid, 100 lbs. 24c per lb.



Early Leviathan Lima

Pole Lima

Pole beans require the support of strong poles or a trellis. Plant 3 beans in two or three places around poles set 3 to 4 feet apart, and later thin to 2 vines to a pole.

EARLY LEVIATHAN LIMA A productive early variety, about a week earlier than other large pole limas. Pods long and containing 4 or 5 good sized beans.

Pkt 15c; Lb. 35c; 10 lbs. \$2.50, postpaid.
Not prepaid, 100 lbs. 20c per lb.

KING OF THE GARDEN LIMA Yields an abundance of pods 5 to 6 inches long, filled with large beans, which, when cooked, are tender and delicious.

Pkt. 15c; Lb. 35c; 10 lbs. \$2.50, postpaid.
Not prepaid, 100 lbs. 20c per lb.



Early Wonder

Pole or Running Beans

The pole shell and string beans are heavier yielders than the dwarf varieties. Thin to 4 vines to a pole.

HORTICULTURAL CRANBERRY An old favorite variety. Long green pods splashed with red.

Pkt. 15c; Lb. 30c; 10 lbs. \$2.00, postpaid.

ITALIAN HORTICULTURAL A distinct variety with large yellow pods heavily splashed with crimson. Very bright and attractive.

Pkt. 15c; Lb. 35c; 10 lbs. \$2.80, postpaid.

KENTUCKY WONDER Early and enormously productive. Pods long, round, meaty and of fine quality. The best green podded pole snap bean.

Pkt. 15c; Lb. 30c; 10 lbs. \$2.00, postpaid.

KENTUCKY WONDER WAX Similar to the green podded variety but larger and flatter.

Pkt. 15c; Lb. 35c; 10 lbs. \$2.50, postpaid.

BEET

Beets are of easy culture and one of the most useful and profitable crops grown. The seed is enclosed in a hard shell and in dry soil is often slow to germinate. Soaking in warm water over night before sowing will help germination. For early use sow as early as the ground can be worked, in drills 14 inches apart, and for a succession at intervals until the first week in July. They succeed best in a firm light soil, well enriched. Beet tops are a very desirable table vegetable cooked as greens. Sow $\frac{1}{2}$ to 1 inch deep and thin to 4 inches.

EARLY WONDER The darkest, smoothest and most uniform bunch beet for market. Deep roots, somewhat flattened, with small tap root.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 30c; Lb. 90c; 10 lbs. \$8.00.

CROSBY'S EGYPTIAN An excellent first early sort, uniform in shape and of a dark blood color. One of the most popular garden varieties.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c; 10 lbs. \$7.00.

DARK RED EGYPTIAN Extremely early, flat, very dark red, and small topped.

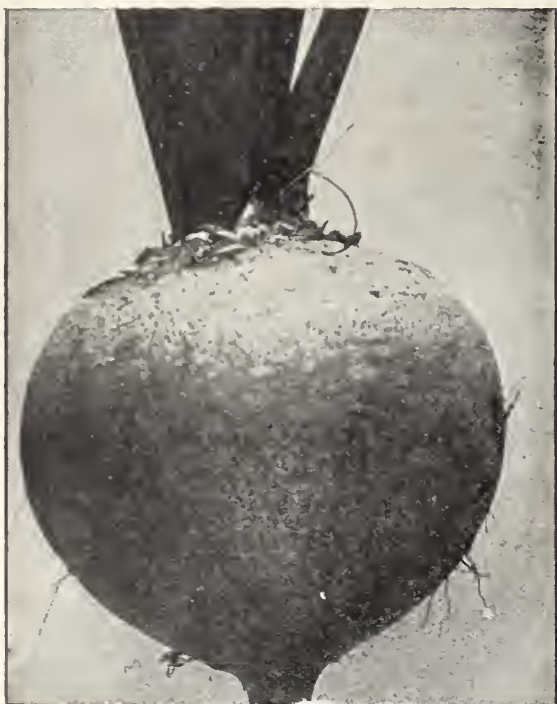
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 30c; Lb. 90c.

EARLY BLOOD TURNIP A distinct improvement on the old type. Second early, with large, round, dark red roots. Good for general use.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

ECLIPSE A medium-sized, round, bright red sort of fine quality. Desirable for home garden.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c.



Detroit Dark Red

DETROIT DARK RED One of the finest strains in cultivation. Globe-shaped, smooth and with a small tap root; skin and flesh bright deep red. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 30c; Lb. 90c; 10 lbs. \$8.00.

MANGEL

Mangels require deep soil well manured. Sow in May and June in rows 2 feet apart and thin to 6 inches in the row. A most nutritious and palatable feed for cattle and poultry.

GIANT HALF SUGAR, ROSE A variety highly recommended for stock feeding. Of large size; bright pink in color, shading to white. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 55c; 10 lbs. \$4.50.

MAMMOTH LONG RED A great producer; long heavy roots of enormous size. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 55c; 10 lbs. \$4.50.

GOLDEN TANKARD A medium-sized oval-shaped root, golden yellow in color. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 55c; 10 lbs. \$4.50.

SWISS CHARD

This delicious vegetable should be grown in every home garden. It is cultivated for its tender leaves, which are used as greens. The midrib is also cooked and prepared like Asparagus. It is productive throughout the season — a veritable "Cut-and-Come-Again". Space 6 to 8 inches in rows 2 feet apart.

FORDHOOK GIANT An extremely large variety with broad white ribs and curled dark green leaves. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 30c; Lb. 90c.

LARGE WHITE RIBBED, LIGHT GREEN Large, smooth, pale green leaves with broad white ribs; fine quality. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 30c; Lb. 90c.

GIANT LUCULLUS The cream colored leaf stems are longer and thicker than other varieties. Leaves are light green and much crumpled. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 30c; Lb. 90c.



Broccoli — Early Green Italian

BROCCOLI

This desirable vegetable resembles Cauliflower in many respects and requires the same culture, but is much quicker and easier to grow. The different varieties of Broccoli vary greatly in appearance and growth.

EARLY GREEN ITALIAN, OR CALABRESE

This variety develops in about 90 days, producing large, compact, deep green flower heads which are cooked and served in the same manner as Cauliflower.

Pkt. 10c; Oz. 70c; $\frac{1}{4}$ lb. \$2.50.

ITALIAN BROCCOLI RAPE, OR SENAPS Distinct from other Broccolis. The Turnip-like leaves are used for greens as well as the small flower heads. Hardy, can be sown in autumn for a spring crop.

Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 75c.



Swiss Chard — Large White Ribbed

CABBAGE

Cabbage thrives in rich, well-drained, loamy soil. For an early crop sow seeds of the early varieties in hotbeds in February or early March. Transfer the young plants to cold frames where they may harden before setting in the open ground. Transplant 18 to 20 inches apart in 2½ foot rows. For a late crop sow in June in the open ground, and thin to secure healthy stocky growth, transplanting when ready.

MAMMOTH ROCK RED A deep red pickling variety with large solid heads.
Pkt. 10c; Oz. 25c; ¼ lb. 75c.

PERFECTION DRUMHEAD SAVOY A late variety with dark green wrinkled leaves; heads large, sweet and tender.
Pkt. 10c; Oz. 25c; ¼ lb. 85c; Lb. \$3.00.



Copenhagen Market

EARLY JERSEY WAKEFIELD This first early variety is extremely popular. The heads are of medium size, conical in form and of unsurpassed quality.
Pkt. 10c; Oz. 25c; ¼ lb. 75c; Lb. \$2.75.

GOLDEN ACRE A Copenhagen Market type maturing a week earlier, making it a very valuable market variety. Heads are round, firm and very uniform. Has few outer leaves and can be planted closely.
Pkt. 10c; Oz. 35c; ¼ lb. \$1.10; Lb. \$4.00.

COPENHAGEN MARKET A fine early variety of Danish origin, nearly as early as Jersey Wakefield. Heads large, round and solid with small outer leaves.
Pkt. 10c; Oz. 25c; ¼ lb. 85c; Lb. \$3.00.

DANISH ROUND HEAD (SHORT STEM BALL HEAD) Unrivalled as a winter keeper. Heads are large and exceedingly solid.
Pkt. 10c; Oz. 25c; ¼ lb. 85c; Lb. \$3.00.

DANISH BALL HEAD A taller stemmed sort with large solid heads.
Pkt. 10c; Oz. 25c; ¼ lb. 85c; Lb. \$3.00.

SUREHEAD As its name implies, a sure header, and very excellent for general use. Heads deep and flattened, very hard and uniform.
Pkt. 10c; Oz. 25c; ¼ lb. 75c; Lb. \$2.75.

PREMIUM FLAT DUTCH An old and popular variety for autumn and winter use. Excellent quality; large flat heads.
Pkt. 10c; Oz. 25c; ¼ lb. 75c; Lb. \$2.75.

Chinese or Celery Cabbage

A species of Cabbage from China quite popular in this country. The plant runs to seed quickly in hot weather, so should be sown early for summer use and in July or August for fall use.

WONG BOK, SELECT STRAIN An early dwarf variety with very large compact heads.
Pkt. 10c; Oz. 30c; ¼ lb. \$1.00.

CHIHILI Tall and slender, resembling Cos lettuce. The midribs are large and the heads cylindrical, 14 to 18 inches in length. Best keeper.
Pkt. 10c; Oz. 30c; ¼ lb. \$1.00.



Chinese Cabbage — Chihili

BRUSSELS SPROUTS

A species of the Cabbage family producing small tight heads along the stalk. Sow in early spring and transplant in 2 to 3 foot rows, allowing 18 inches to 2 feet between plants. The flavor is improved by early frosts.

IMPROVED LONG ISLAND HALF DWARF A fine strain with compact heads.

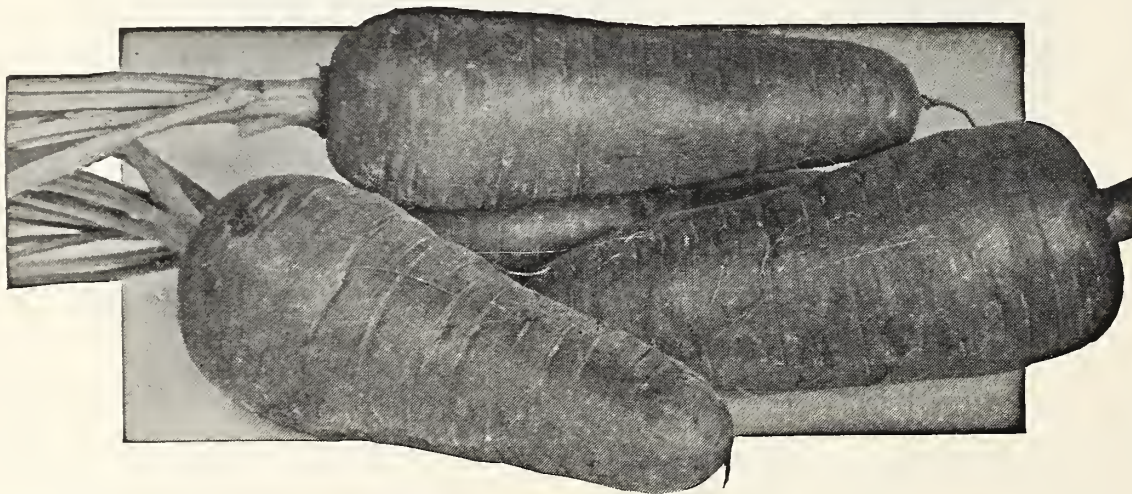
Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00.

CARROT

The Carrot is an easily grown vegetable that gives most satisfactory results in a well-manured sandy loam, thoroughly worked. May be sown for succession from early spring to midsummer. Sow in drills 14 to 16 inches apart and cover lightly. Press the soil firmly over the seed, especially in dry weather. Thin to 2 inches apart in the row.

HUTCHINSON A great favorite with gardeners. Root 10 to 12 inches long, cylindrical and ending in an abrupt stump root. Deep orange in color and a heavy producer. Requires deep soil and thorough cultivation; cross plowing is recommended for this variety.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.25; 5 lbs. \$10.75.



Half Long Chantenay

CORELESS A very handsome early carrot with a deep orange color, and smooth cylindrical form; about 6 inches in length by $1\frac{1}{2}$ inches in diameter, free from woody heart or core, and of the best quality. Tops very small and short. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

HALF LONG CHANTENAY

Stump rooted, early and productive. Bright orange in color, smooth and of fine appearance. A fine garden and market variety used extensively in bunches.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 90c; 5 Lbs. \$4.00.

RED CORED CHANTENAY

Similar to Half Long Chantenay in shape and size. The bright orange color is uniform from skin to center.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.25; 5 lbs. \$5.75.

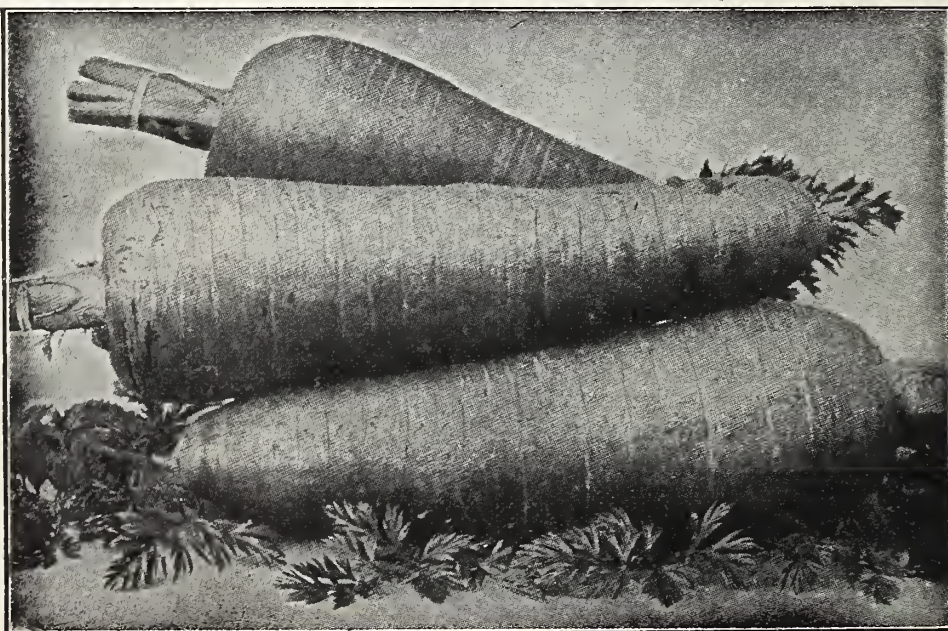
IMPROVED DANVERS HALF LONG

Produces well in almost every soil. Medium in length, smooth and bright orange in color.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 90c; 5 lbs. \$4.00.

IMPROVED LONG ORANGE A very fine strain valuable for both garden and field culture. The roots are long and tapering with smooth skin and deep orange flesh.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 90c; 5 lbs. \$4.00.



Improved Danvers Half Long

CAULIFLOWER

Cauliflower is easily grown if properly cared for, although to be a profitable market crop it is somewhat particular as to soil and location. Many make the mistake of expecting Cauliflower to head in hot weather. To avoid this it should be started in March or early April in a greenhouse or hot bed and transplanted to good fertile soil as soon as conditions will permit. Sow in June and transplant 18 inches apart in rows 3 feet apart for the late crop. Cultivate thoroughly and frequently to keep plants in good growing condition. When heads begin to form, bunch the leaves together and tie loosely to protect them from the sun.

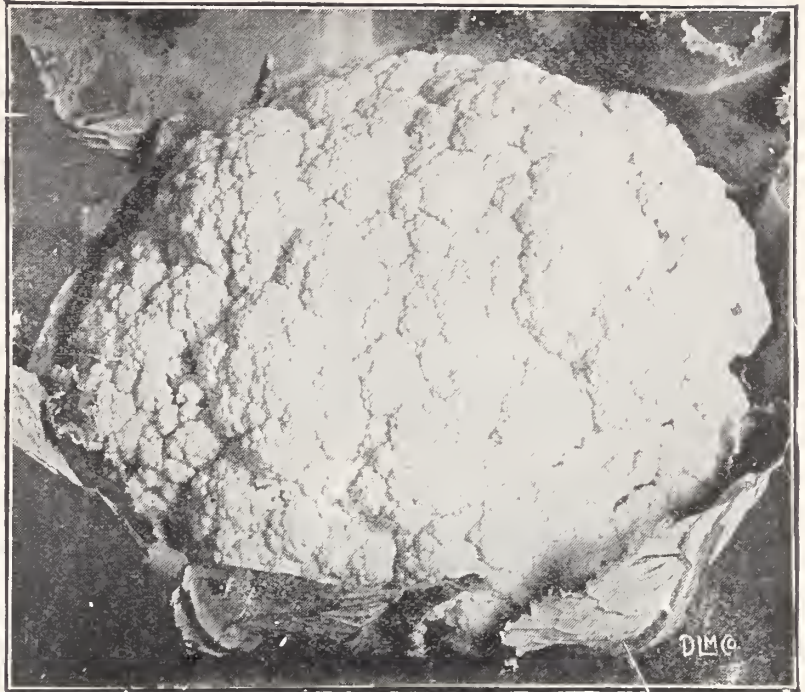
EARLY SNOWBALL, SUPERSTRAIN

An unusually fine strain for market. Extra early, medium size and pure white. Heads mature uniformly.

Pkt. 25c; $\frac{1}{2}$ Oz. \$1.20; Oz. \$2.25; $\frac{1}{4}$ lb. \$8.00; Lb. \$30.00.

EARLY SNOWBALL, SELECT STRAIN A superior strain of this standard variety. Compact and short-stemmed with fine-grained pure white heads. The most dependable for home and market use.

Pkt. 15c; $\frac{1}{2}$ Oz. 80c; Oz. \$1.50; $\frac{1}{4}$ lb. \$5.50; Lb. \$20.00.



Early Snowball

DRY WEATHER, OR DANISH GIANT A slightly later variety which withstands adverse weather and produces extra large, solid, white heads.

Pkt. 15c; $\frac{1}{2}$ Oz. 90c; Oz. \$1.60; $\frac{1}{4}$ lb. \$6.00; Lb. \$22.00.



Paris Golden Self Blanching

CELERY

For both market and home use there is no more highly esteemed vegetable than Celery. As the seed is small it requires careful planting. Sow in drills 10 to 12 inches apart early in spring. The soil should be well pulverized and the seed lightly covered with soil pressed firmly over it. Additional sowings may be made up to June 15th. Transplant when ready in rows 3 feet apart, leaving 3 to 4 inches between plants, or for extra large stalks 6 to 8 inches. Press the soil firmly around the roots and keep well cultivated. As cool weather approaches blanching is started by drawing the soil around the plants. This is continued until only the tops of the leaves remain uncovered. Blanching is often accomplished by means of boards or building paper set against the rows in place of soil. Late Celery should be pitted or placed in the cellar before freezing weather.

EASY BLANCHING Resembles Paris Golden in growth, but blanches white and is more hardy. An excellent winter keeper as well as a quick-blanching, early kind.

Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.10; Lb. \$4.00.

PARIS GOLDEN SELF BLANCHING (FRENCH) The new, tall, early strain. Recognized as one of the best market garden varieties. Also very desirable for the home garden. Self blanching to a wonderful degree, the stalks are of a rich golden yellow color and of delicious flavor.

Pkt. 10c; Oz. 75c; $\frac{1}{4}$ lb. \$2.60; Lb. \$10.00.

EMPEROR An excellent late variety with large round stalks of fine quality. Dwarf growth.
Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.10; Lb. \$4.00.

GOLDEN PLUME A large blight-resisting variety with the vigor of Easy Blanching and the color of Golden Self Blanching. A most valuable variety and a favorite with growers.
Pkt. 10c; Oz. 90c; $\frac{1}{4}$ lb. \$3.00; Lb. \$11.00.

GIANT PASCAL Choice variety with a sweet, nutty flavor. Splendid keeper. Blanches quickly with but slight earthing up. The stalks are thick, solid and brittle.
Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 85c; Lb. \$3.00.

WINTER QUEEN One of the most valuable varieties for winter use. Vigorous and compact of growth, and when ready for market presents an exceptionally attractive appearance.
Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 85c; Lb. \$3.00.

GIANT SMOOTH PRAGUE (CELERIAC)
Known as Turnip-rooted Celery. A variety with large round roots which are cooked like Beets or Turnips. Used for the roots only.
Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 85c.

CORN SALAD

A hardy salad plant for winter and spring use. Sow during August or September in rows 1 foot apart. Thin to 6 inches and cover with light mulch for winter protection.

BROAD LEAVED A large-seeded kind with broad Lettuce-like leaves.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.25.

SWEET CORN

Sweet Corn is tender and will not stand frost nor will it germinate well in wet cold soils. It responds to good soil and clean, frequent cultivation. Plant in well-fertilized hills 3 feet apart each way, putting 5 or 6 kernels in each hill and covering to a depth of about $1\frac{1}{2}$ inches. When about 6 inches high remove from each hill all but the three most vigorous stalks. Many gardeners sow the seed in rows 3 feet apart, leaving the plants standing singly about 9 inches apart. For a succession throughout the season plant early in May several varieties, including first early to late. A good second early variety planted at intervals of two weeks until the middle

CHICORY

Sow in May or June in 12 inch rows and thin to 4 inches apart.

LARGE ROOTED MAGDEBURG The root grows to a large size and is dried and roasted for use in coffee. The leaves are blanched and used as a salad.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

LARGE BRUSSELS, OR WITLOOF (FRENCH ENDIVE) The roots are transplanted in autumn into sand in a cellar and covered deeply with sand or straw. Crisp bleached sprouts soon form which are delicious as a salad.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.

ASPARAGUS (ITALIAN DANDELION) When planted in early spring this Italian variety sends up tender flower stalks which are cooked like Asparagus.
Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 85c; Lb. \$3.00.

CHIVES

Grown for the slender tops which have a delicate Onion flavor. Perfectly hardy, and should be grown in every garden. Often grown in flower gardens for the pretty blue blossoms.

Pkt. 10c; Oz. 75c; $\frac{1}{4}$ lb. \$2.75.

COLLARDS

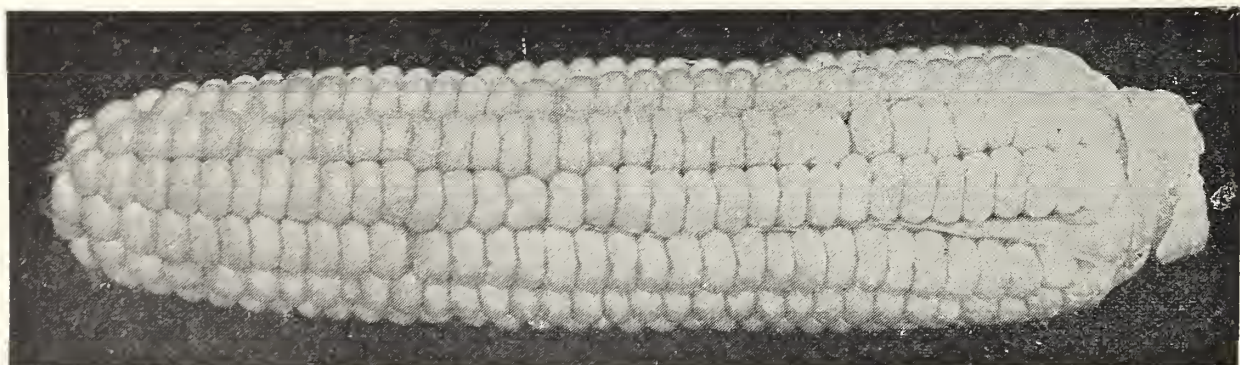
A tall, loose-heading, Cabbage-like plant much used in the South for greens.

GEORGIA The true Southern variety.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 85c.

of July will produce a continuous supply. Approximate weights; 1 bu. 45-50 lbs; 1 qt. $1\frac{1}{2}$ lbs. Treatment with Semesan Jr. is very effective in insuring germination of early planted corn and controlling disease. For prices see page 31.

15 lbs. or more at the 100 lb. rate.

EARLY SURPRISE The first large-eared white corn in market. It grows an ear 6 to 8 inches long with 12 rows of good sized kernels of excellent quality. Valuable for market and home use.
Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.



Early Surprise

EXTRA EARLY GOLDEN The earliest large yellow variety. Our strain is not only extra early but a heavy yielder and withstands cold weather better than other varieties.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.
Not prepaid, 100 lbs. 18c per lb.

SPANISH GOLD A new yellow variety introduced by the Connecticut Agricultural Experiment Station. On rich land produces a wonderful crop of medium-sized slender ears. One of the earliest varieties in cultivation.

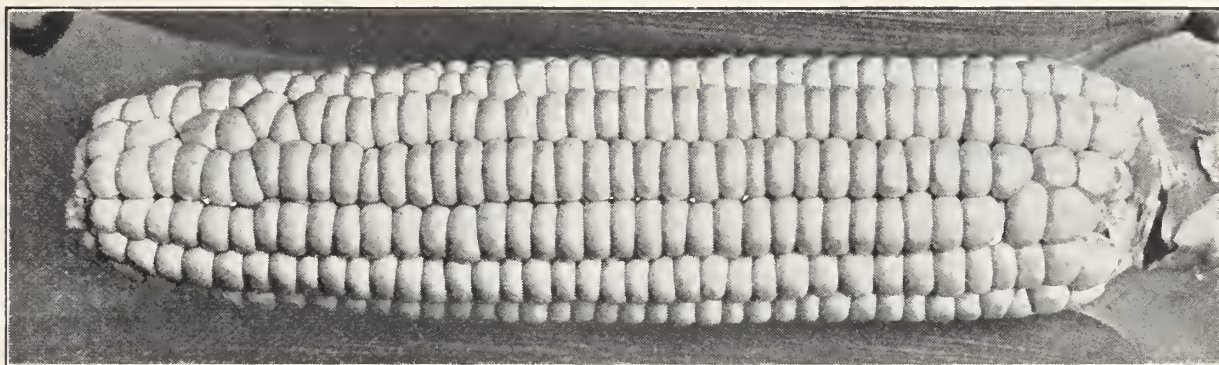
Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.
Not prepaid, 100 lbs. 18c per lb.

BANTAM EVERGREEN Resembles the well-known Evergreen in shape of ear and kernel, but is of a deep golden yellow color.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

GOLDEN GIANT This variety is a week later than Golden Bantam and yields abundantly large golden ears of fine flavor. It remains in the green stage longer than some other varieties.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.



Extra Early Golden

GOLDEN SUNSHINE Extra early yellow, closely following Extra Early Golden. Good-sized ears, 12 rowed, and of fine quality.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

COLUMBIA A remarkable early white corn. A strong grower with good-sized ears of better quality than other extra early varieties.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

GOLDEN BANTAM This remarkable variety because of its earliness and truly delicious flavor, is a great favorite everywhere. Attaining a height of 6 feet, the sturdy stalk usually bears two medium-sized ears, which are of a rich golden yellow color and very tender and delicious. Especially adapted to the home garden and better market garden trade.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

JEWELL BANTAM Resembles Golden Bantam in color and flavor, but has larger stalks and larger ears, 10 to 12 rowed.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

HOWLING MOB A very popular medium-early variety and very productive. Ears 9 to 10 inches in length with large white kernels of excellent quality.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

USE CRO-CUS — Crop insurance against crows. One pint, treats 100 lbs. \$1.00, postpaid.
Small size, treats 25 lbs. 40c, postpaid.

WHIPPLE'S YELLOW An early large-eared variety maturing about the same time as Golden Bantam. The ears are well up from the ground, long and large with 12 to 16 rows of rich yellow kernels of the finest quality.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

STOWELL'S EVERGREEN This splendid main-crop corn has long been recognized as unrivalled for both private garden and market. The ears grow to a large size, with deep grains, very tender and sugary. Because of its strong and vigorous growth and abundant foliage it is also grown for fodder.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

COUNTRY GENTLEMAN Recommended as a valuable sort for table use. Late in season, it is very prolific and yields good-sized ears filled with irregular rows of luscious, tender and milky grains.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.20, postpaid.
Not prepaid, 100 lbs. 17c per lb.

Pop Corn

WHITE HULLESS A dwarf variety of excellent quality and a sure popper. Ears 4 inches long with deep slender kernels.

Pkt. 10c; Lb. 25c; 10 lbs. \$1.70, postpaid.

WHITE RICE Productive, large-eared and most generally grown.

Pkt. 10c; Lb. 25c; 10 lbs. \$1.70, postpaid.

CRESS

These well known wholesome and piquant flavored plants are much used for salads and garnishing.

CURLED A rapid grower which should be sown at frequent intervals in boxes or in the garden.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c.

WATER Thrives along brooks and in moist places. Sow broadcast and cover lightly. One of the most delicious salad plants.
Pkt. 10c; Oz. 50c; $\frac{1}{4}$ lb. \$1.50.

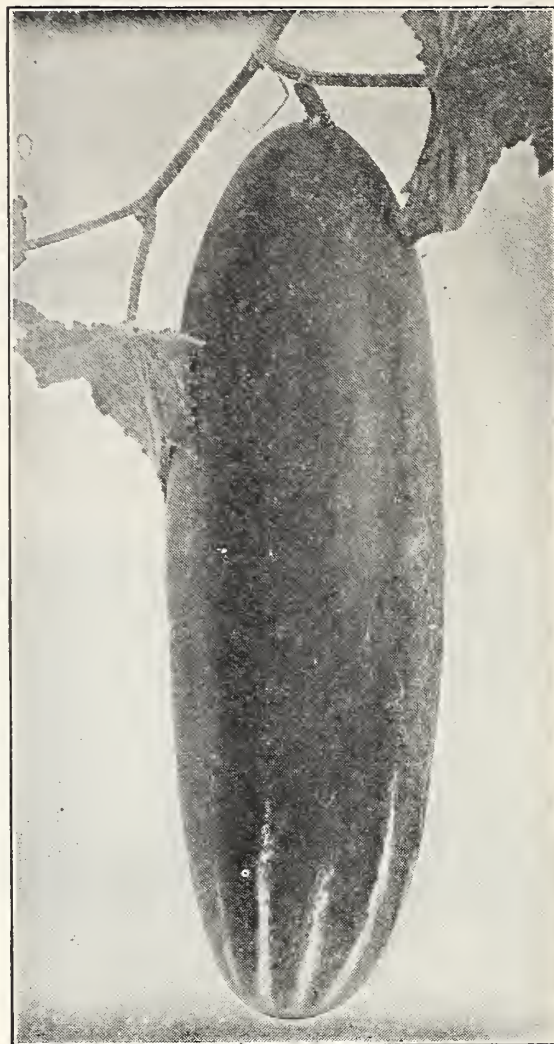
CUCUMBER

Cucumbers flourish best in rich loamy soil. When the weather has become warm plant in hills 4 to 5 feet apart each way, putting 10 to 12 seeds in a hill. As the plants appear above the surface they should be diligently watched and protected against insect enemies. This may be accomplished by sprinkling hydrated lime, ashes, tobacco dust or other insecticides on the hills. Finally thin the young plants to 4 in each hill. For a succession continue planting at intervals. Fruits should not be left on the vines to ripen, as this diminishes productiveness. For late pickles sow in late June.

BOSTON PICKLING A favorite pickling variety of superior quality. The fruit is medium long, rich green in color, crisp and tender.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

EARLY CLUSTER One of the old strains still extensively planted, the fruits generally growing in clusters. When small they are very desirable for pickling.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

IMPROVED LONG GREEN A healthy vigorous grower and a fine producer. Fruits dark green, tender, brittle and of fine flavor. The small fruits are used for pickles, while the more mature ones make excellent sweet pickles.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.25.



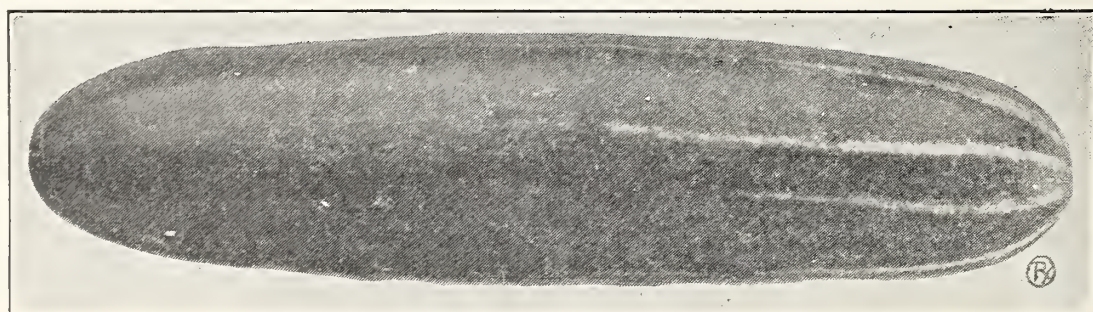
Davis Perfect

DAVIS PERFECT A long dark green type of white spine very valuable for forcing under glass as well as for growing in the field. The fruits are long, handsome and regular in shape and of a beautiful glossy green color.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.25.

EARLY FORTUNE An excellent, early, white spine variety resembling Davis Perfect, but slightly smaller.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

EXTRA LONG WHITE SPINE Vines are vigorous with heavy foliage and yield in profusion long slim fruits, dark green in color.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

HYBRID WHITE SPINE A long dark green type which holds its color well. Very prolific bearer and valuable for market on account of uniformity in shape of fruit.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.25.



Hybrid White Spine

IMPROVED WHITE SPINE Early popular variety with smooth dark green fruit; highly esteemed for family use and market.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

LONGFELLOW An unusually long, slender, dark green variety. Not a heavy yielder, but fruits are very large and fine shaped, being 12 to 14 inches in length and very attractive.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.00.

DANDELION

Cultivated as one of the earliest and most healthful spring greens. Sow the seed in drills 14 inches apart and thin to 3 inches. It is very necessary that the seed should be barely covered with earth pressed firmly about the seed.

IMPROVED THICK LEAF An improved variety with thick broad leaves growing upright. The most valuable market variety.

Pkt. 10c; Oz. 50c; $\frac{1}{4}$ lb. \$1.50; Lb. \$5.50.

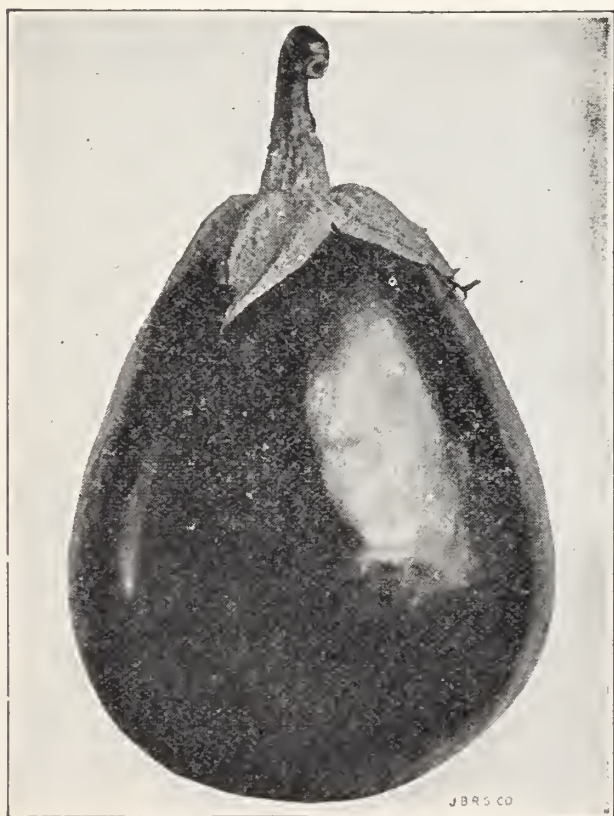
ITALIAN DANDELION (See Asparagus Chicory, page 10).

DILL

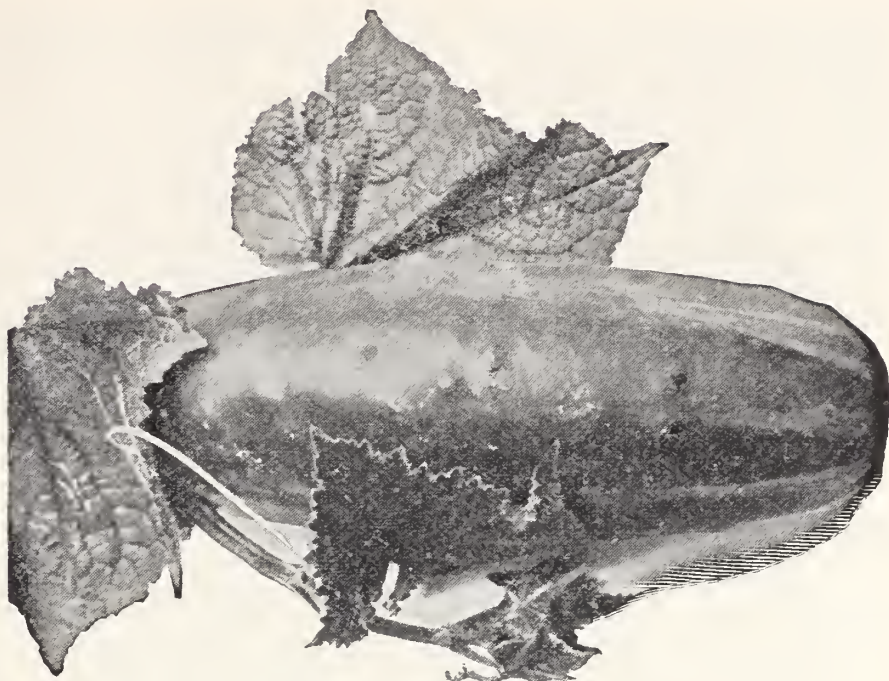
Grown for its aromatic seeds and foliage. Much used with Cucumbers for Dill Pickles.

MAMMOTH A splendid large-growing variety with large heads and abundant deep green foliage.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 75c.



Black Beauty



Improved White Spine

ENDIVE

One of the best salad plants, especially valued for fall and winter use. Can be sown from April until August in drills 15 to 20 inches apart and thinned to 10 to 12 inches in the row. When well grown, blanch by tying the outer leaves together.

BATAVIAN FULL HEARTED (ESCAROLLE)

An improved form of the broad leaved Endive with many leaves in the center, forming a full heavy head.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

GREEN CURLED Beautifully curled, deep green leaves. Fine for summer and fall use.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

FRENCH ENDIVE (See Witloof Chicory, page 10)

EGG PLANT

Sow in hotbed in February or March, and when 2 or 3 inches high thin to 3 inches apart, or transplant into other beds or singly in pots. Transplant to open ground in May in rows 3 feet apart, leaving 2 feet between plants. Requires light warm soil for quick development.

BLACK BEAUTY An excellent sort for home and market use. Fine purple-black fruits of good quality.

Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.25.

IMPROVED NEW YORK PURPLE A standard variety producing a liberal crop of rich purple fruits, smooth and glossy in appearance.

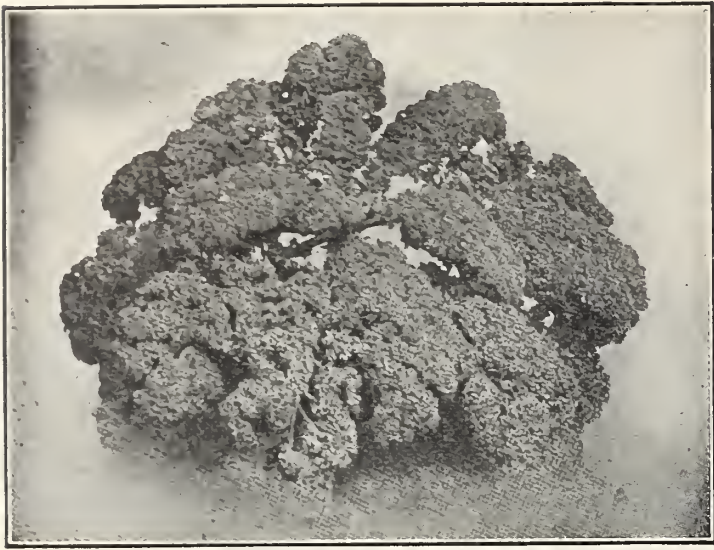
Pkt. 10c; Oz. 40c; $\frac{1}{4}$ Lb. \$1.25.

FENNEL

FLORENCE, OR NAPLES An Italian vegetable with thick stalks which have a delicate Anise flavor when blanched. Sow in rich soil and thin to 8 inches apart. Requires frequent cultivation and moist soil. Blanch like Celery.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

SWEET, OR COMMON (See Herbs, page 26).



Dwarf Green Curled Scotch

KALE

Hardier than Cabbage, this vegetable makes splendid greens for winter and early spring use. The flavor is improved by frost. Sow from the middle of April to first of June and transplant or thin to 18 to 20 inches, as for Cabbage.

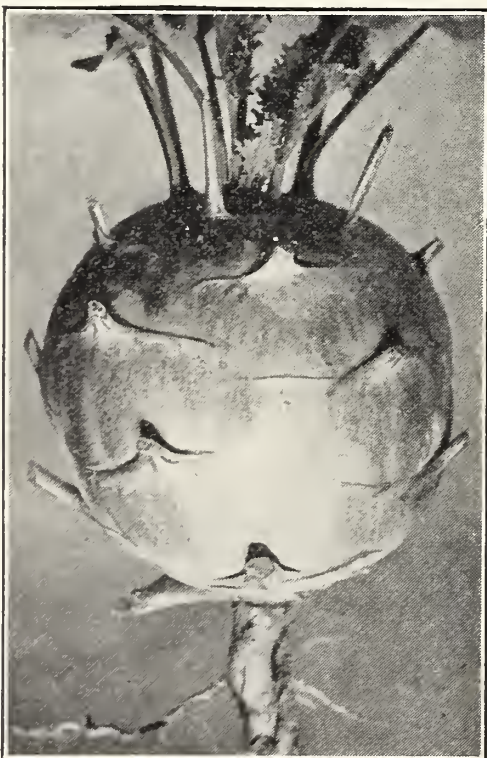
DWARF GREEN CURLED SCOTCH Deep green leaves, finely curled, in compact heads. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

TALL GREEN CURLED SCOTCH More vigorous than the dwarf variety, growing to a height of 3 feet with fine, dark green, curled leaves. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

SIBERIAN A very hardy variety with bluish leaves curled at the edges. Used to winter over and produce an early spring crop of "sprouts". Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 75c.

KOHL RABI

This peculiar vegetable partakes of the character of both Cabbage and Turnip. The edible portion consists of large bulbs formed on the stems just



Early White Vienna

above the soil. They should be used when young and tender, boiled like Turnips. Sow in spring in rows 18 inches apart and thin to 8 to 10 inches.

EARLY WHITE VIENNA Desirable for general use. Has small top and matures early. Color, light silvery green. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.

EARLY PURPLE VIENNA Similar to the white variety, but dark purple in color. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.

LEEK

A hardy species of Onion with long stems which are used in soups. Sow very early in Spring in rows about 15 inches apart. Extra large stalks can be grown by transplanting. To insure well-blanching stems set deep and draw the soil up as the plants grow.

AMERICAN BROAD FLAG A hardy large-stalked type, strong growing and productive. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.

LARGE MUSSELBURG Grows to a very large size, broad leaved and heavy stemmed. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.

LETTUCE

Lettuce is so easily grown that nearly everyone who has a garden makes several plantings. Prefers rich moist soil and to be crisp and tender should be grown quickly. For early use sow in a hotbed or boxes in February and March, transplanting to open ground when ready. Allow plenty of room for development if you wish large heads. The large varieties require as much as $1\frac{1}{2}$ feet each way, while the smaller varieties can be grown as closely as 12 inches apart. Plantings may be made in succession until the end of August. Thorough cultivation is necessary in summer, as most varieties tend to run to seed in hot weather.

Loose Leaved Varieties

GRAND RAPIDS FORCING A rather small variety with deep green, frilled leaves, especially adapted to growing under glass. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

PRIZEHEAD Large green leaves lightly touched with brown. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

SIMPSON'S EARLY CURLED Large and tender with light green leaves, nicely curled. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

Cabbage Heading Varieties

BIG BOSTON A widely used variety with light green hard heads of superior quality. Edges of leaves slightly brownish. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

CRISP AS ICE (HARTFORD BRONZE HEAD) A good hot weather variety, slow to run to seed. The leaves are crumpled and vary from light green to dark brown in color. Hearts are yellow and of fine quality. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

ICEBERG A large crisp heading variety with fringed leaves showing a trace of brown at the edge. Good hot weather variety.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.

MAY KING Early, hardy and suitable for forcing or outside culture. Fine solid heads, with light green outer leaves and golden yellow hearts.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

NEW YORK NO. 12 A greatly improved type of the popular New York variety which is found on our markets under the name of "Iceberg". Heads are large and solid with few outer leaves. Sure heading, some fields cut practically every head.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.00.



New York No. 12

TENNISBALL BLACK SEED This variety is exceedingly popular and is known under a variety of names such as Salamander, Dreer's All Heart and Market Gardener's Private Stock, all of which are similar, if they differ at all. Reliable in all seasons, it withstands the heat of summer and produces fine yellowish heads of matchless flavor.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

WHITE BOSTON Similar to Big Boston in appearance, but clear green in color and withstands heat much better.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

ROMAINE OR COS The large oval heads are especially crisp and have a pleasing mild flavor. Easily blanched by tying the outer leaves together if necessary.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

CHICKEN A very large-leaved tall-growing variety producing an abundance of leaf growth which is stripped off for poultry feed.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.



Tennisball Black Seed

MUSKMELON

Well-enriched light soil is an important requisite for the growing of choice melons. Early in May, when the ground is warm, plant in hills 4 feet apart each way, putting 10 to 12 seeds in a hill. Should be treated same as Cucumbers, but are benefited by occasional spraying with Bordeaux Mixture as a preventive of blight.

BENDER'S SURPRISE A very popular, large, round melon with greenish yellow skin, well netted; thick salmon flesh.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

EMERALD GEM Extensively grown for private use. Small and sweet; one of the very best salmon fleshed sorts.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.20.

HEARTS OF GOLD A medium-sized round melon with well-netted skin and thick orange flesh of excellent quality.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.20.

LAKE CHAMPLAIN An extra early variety of fine quality, medium-sized, flattened in shape with deep salmon flesh.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.20.

IMPROVED ROCKY FORD A popular late variety round and closely netted. The thick flesh is green with a lining of pink.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.20.

MILLER'S CREAM Oblong in shape with dark green skin, partially netted. Flesh salmon colored, juicy and sweet.

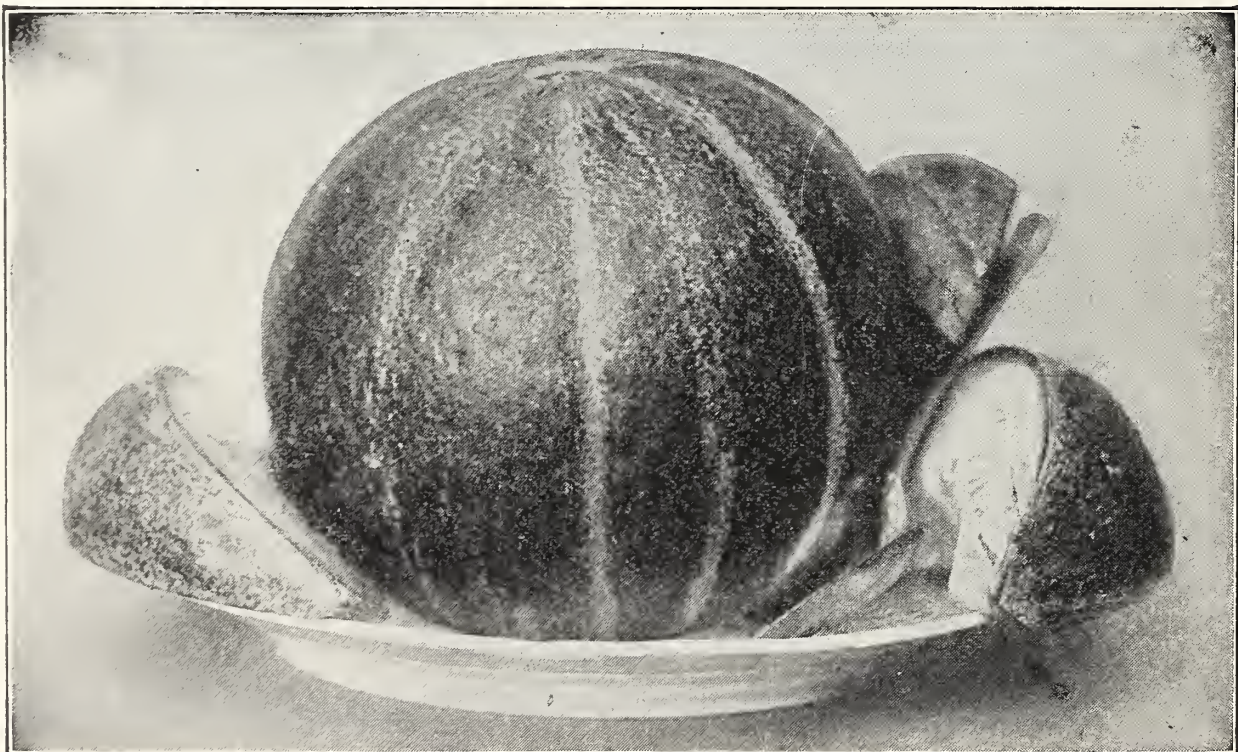
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.20.

HONEY ROCK An exceptionally fine new melon. Heavy producer of large round melons with very sweet salmon flesh.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.



Bender's Surprise



Emerald Gem

WATERMELON

Watermelons require the same treatment as Muskmelons except that they should be planted 8 to 10 feet apart. They are a trifle hardier and may be planted a few days earlier.

COLE'S EARLY Extra early and a sure cropper. Round with striped skin and rich red flesh.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

ICE CREAM (PEERLESS) Light green oval fruit with scarlet flesh of good quality; white seeded.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

IMPROVED KLECKLEY'S SWEET (WONDER MELON) Earliest of the long green melons. Very thin rind with sweet, bright red flesh. Not a good shipper but recommended for the home garden and nearby markets.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

KING AND QUEEN WINTER A new melon entirely distinct from other Watermelons. Small and round in shape, and should be kept like the Casaba or Winter Muskmelon until thoroughly ripe before eating, at which time they are surprisingly delicious.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

CITRON FOR PRESERVES, RED SEEDED

Round striped melon used for preserving.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

OKRA

The green pods of this plant are much used for soups and stews and are wholesome and nutritious. Sow in late spring in rows 2 to 3 feet apart and thin to 9 to 12 inches apart.

DWARF GREEN Dwarf, stocky growth; early and a prolific bearer.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 50c.

PERKINS' MAMMOTH LONG PODDED Pods long and slender, pale green and of excellent quality.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 50c.

ONION

For this important crop a clean, rich piece of land should be selected. As early as possible in the spring work the soil into a mellow, loose condition and fertilize well. Sow in rows 15 inches apart, covering lightly. When plants are strong enough to handle thin out to 2 inches apart. Cultivate frequently and remove all weeds. Early Onions are produced by sowing the seed in hotbeds in February or March and transplanting, also by planting Onion Sets.

EXTRA EARLY YELLOW A somewhat flattened bulb ripening nearly as early from seed as the crop from sets.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75;
5 lbs. \$7.75.



Improved Kleckley's Sweet

JAPANESE OR EBENEZER A popular variety with brownish yellow skin and excellent keeping qualities. Does not grow large from seed but is extensively used for producing sets, which grow to a large size and produce few seed stalks.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75;
5 lbs. \$7.75.

SOUTHPORT RED GLOBE Of perfect globe shape; good size with deep red skin, flesh fine-grained and mild.

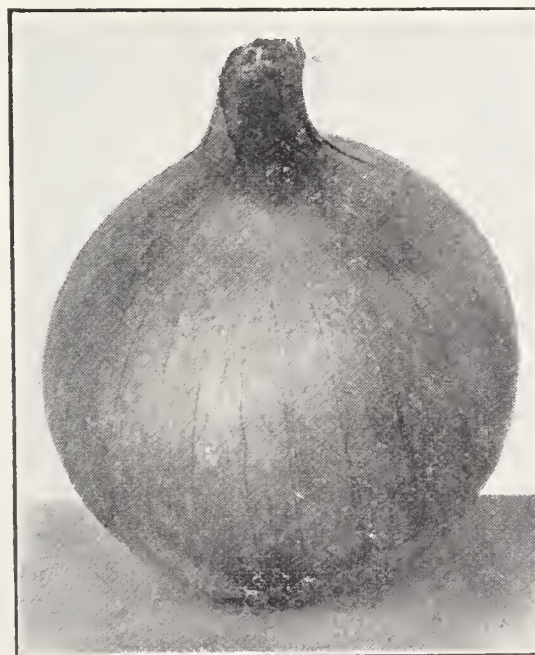
Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.

SOUTHPORT WHITE GLOBE Handsome globe-shaped bulb. Grows to a large size with pure white skin and flesh of mild flavor.

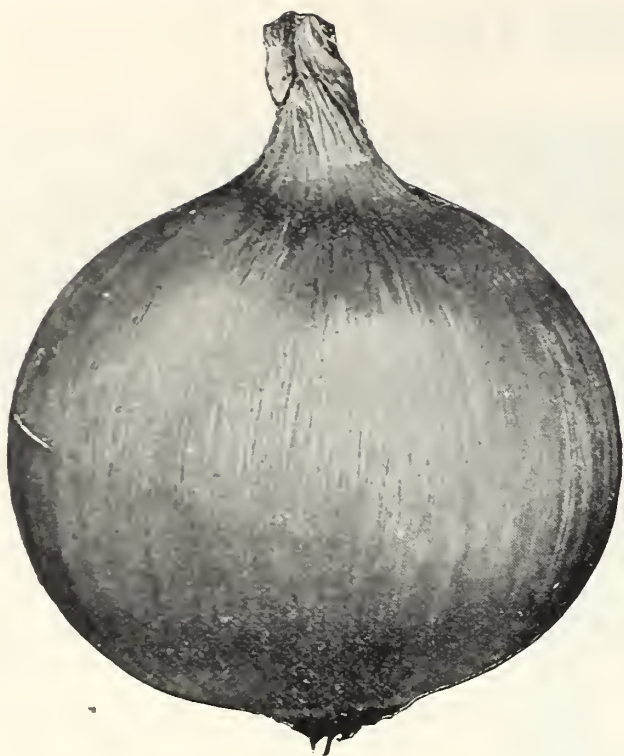
Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 70c; Lb. \$2.50.

SOUTHPORT YELLOW GLOBE Large and globular with rich yellow skin; very popular in all markets.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.65;
5 lbs. \$7.25.



Southport Yellow Globe



Yellow Globe Danvers

YELLOW GLOBE DANVERS A favorite variety for winter use. The bulbs are nearly globe-shaped, but slightly flattened. Skin is light yellow. Splendid keeper.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.65; 5 lbs. \$7.25.

SWEET SPANISH An immense, ball-shaped, light yellow variety with small neck. Particularly adapted to moist soils which will allow a long season for maturity. Produces very fine large bulbs when transplanted. Flavor very mild.

Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 70c; Lb. \$2.50.

WETHERSFIELD LARGE RED Produces Onions of large size, flattened and attractive in appearance. The outer skin is dark red, smooth and glossy, while the white flesh is faintly tinged with pink, and rather highly flavored. Fine keeper.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.65; 5 lbs. \$7.25.

WHITE PORTUGAL (SILVERSKIN) Early maturing flat bulb, silvery white and of mild flavor. The smaller bulbs are used for pickling. Also planted in late August for pulling in spring.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.25.

PRIZETAKER Late in season, growing to a large size, especially if transplanted. Bulbs are straw colored and of uniform globe shape.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75; 5 lbs. \$7.75.

WHITE BARLETTA Best of the small, flat, pickling sorts. Extra early, clear white and small topped.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.00.

WHITE LISBON A quick growing white variety that does not produce a very solid bulb, but is used for the stalks which are pulled for rare-ripes.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.00.

WHITE WELSH An extremely hardy perennial variety which is sown in summer for pulling the following spring. As each plant produces several stalks it can be kept growing for several years if all the stalks are not pulled.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.00.

HARDY WHITE BUNCHING A strong growing Japanese variety which is planted in August and matures a crop of fine large rare-ripes in early spring.

Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 60c; Lb. \$2.00.

ONION SETS

These are small Onions grown the year previous and stored for spring planting. They grow rapidly and produce a fine crop of large bulbs much earlier and surer than from seed. Plant very early in spring in 14 inch rows 2 to 3 inches apart and cover deeply with earth. Also used in home gardens for rare-ripes which are produced early and are of fine quality. Prices subject to market change.

RED (WETHERSFIELD LARGE RED)

WHITE (WHITE PORTUGAL)

JAPANESE OR EBENEZER (YELLOW) A superior strain of our own selection. Does not run to seed and is an excellent keeper.

Lb. 30c; 8 lbs. \$1.25, postpaid.

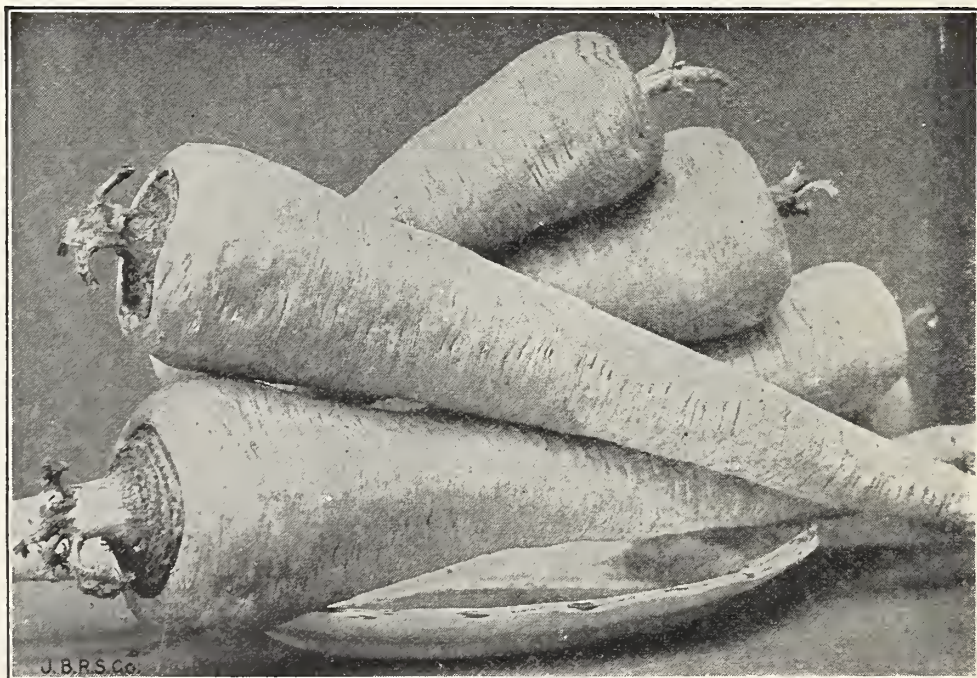
Not prepaid, Bushel of 32 lbs. \$2.75.

PARSNIP

Sow before May 15th in rows 18 inches apart covering lightly. Thin to 2 or 3 inches apart. Parsnips are improved by frost; they are quite hardy and may be left in the ground through the winter.

CHAMPION HOLLOW CROWN Smooth, clean and perfectly formed. One of the best for general use.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 75c.



Champion Hollow Crown

IDEAL HOLLOW CROWN Medium length, pure white, smooth, and inclined to grow without side roots, ending in several small roots rather than a single, long, tapering tap-root.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

PARSLEY

The seed germinates very slowly and in dry weather should be soaked in cold water for a few hours before planting. Sow early in spring in rows 12 inches apart.

PLAIN OR COMMON Leaves flat, not curled; sometimes called Italian Parsley.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

MOSS CURLED Dark green leaved, beautifully curled; very fine and uniform strain.

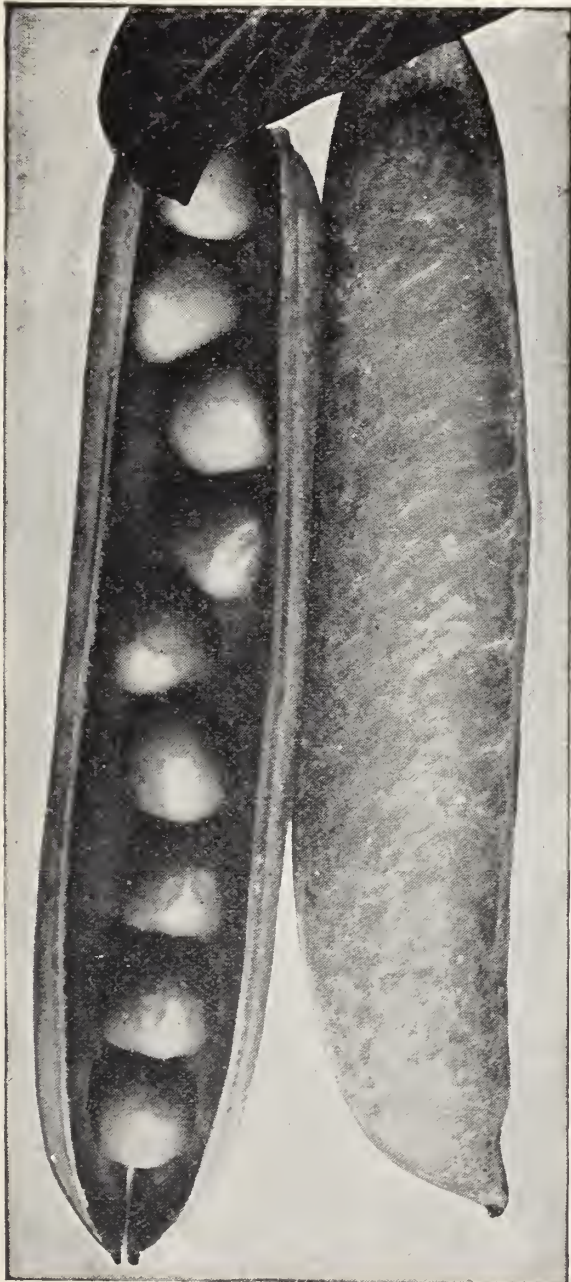
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 90c.

HAMBURG TURNIP ROOTED The edible root of this variety resembles a small Parsnip and is used in soups and stews; leaves plain.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. 90c.

PEAS

Peas should be sown as early as possible in order to mature before the hot summer weather. To secure an extra early



Telephone



Thomas Laxton

crop the smooth seeded varieties may be sown just as soon as the ground can be worked. The wrinkled varieties are not quite as hardy and should be planted a little later. Sow 2 or 3 inches deep in single or double rows 3 to 4 feet apart. The tall growing sorts require brush or other support. This is not so necessary for the dwarf varieties but they are greatly benefited if kept up off the ground. Approximate weights; 1 bu. 56-60 lbs; 1 qt. 2 lbs; 1 pt. 1 lb. For best results inoculate with Nodogen. Bushel size 50c; garden size 25c.

15 lbs. or more at the 100 lb. rate.

FIRST AND BEST A very old variety known by many names, but still one of the earliest croppers. Seed smooth; height $2\frac{1}{2}$ feet.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.10, postpaid.

Not prepaid, 100 lbs. 16c per lb.

GRADUS (WORLD'S RECORD STRAIN) One of the earliest and most popular of all the large-podded wrinkled peas. The vines are vigorous and healthy, yielding uniform large pods well filled with handsome large peas of delicious quality. For best results the vines should be brushed. Height 3 feet.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.

Not prepaid, 100 lbs. 17c per lb.

THOMAS LAXTON In some sections this pea is claimed to possess greater merit than the famous Gradus, which in many characteristics it closely resembles. The pods are not quite as large, but are more numerous and well filled with peas of extra fine quality. Height 3 feet.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.

Not prepaid, 100 lbs. 17c per lb.

CARTER'S EIGHT WEEKS An exceptionally early pea of good quality; height 18 inches; seed nearly smooth; can be planted very early.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.

Not prepaid, 100 lbs. 18c per lb.

TELEPHONE (IMPROVED DARK-PODDED STRAIN)

This variety is a leader for the late main crop. The pods are long and dark green in color with peas of finest quality. Height 4 feet.

Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.

Not prepaid, 100 lbs. 18c per lb.

LITTLE MARVEL A small-podded variety popular on account of its prolific habit and fine quality; height 18 inches. Very early.
Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.
Not prepaid, 100 lbs. 18c per lb.

HUNDREDFOLD (IMPROVED LAXTONIAN)
The sturdy vines grow vigorously with dark green leaves and are very productive of large deep green pods. This variety is very reliable and we highly recommend it for both private and market gardens. Height 18 inches.
Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.
Not prepaid, 100 lbs. 17c per lb.

LAXTON'S PROGRESS Laxtonian type with extra large pods. Considered one of the very best extra early peas. The thrifty vines grow about 18 inches high and produce heavily.
Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.
Not prepaid, 100 lbs. 17c per lb.

SUTTON'S EXCELSIOR A handsome dwarf variety which comes into bearing very early. Considered by many the best all around pea for the home garden. The vines are stout and hardy and produce in abundance large, straight, pale green pods.
Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.
Not prepaid, 100 lbs. 18c per lb.

DWARF TELEPHONE Large-podded late variety. The short stocky vines bear a generous crop of long pods filled with large light green peas, very tender and sweet.
Pkt. 10c; Lb. 30c; 10 lbs. \$2.30, postpaid.
Not prepaid, 100 lbs. 18c per lb.

PEPPER

Pepper seed is slow to germinate and after sowing should be kept warm and moist. Sow in hotbed in March or April and transplant in rich, well-prepared soil in rows 30 inches apart and 18 inches between plants. Keep the soil well cultivated and free from weeds.

CALIFORNIA WONDER A large, late, thick-meated variety, unusually solid and heavy; regular in shape and uniform in size; very sweet.
Pkt. 10c; Oz. 50c; ¼ lb. \$1.60; Lb. \$6.00.

HARRIS' EARLY GIANT Earlier and more productive than other large-fruited varieties. Plant sturdy and compact. Fruit large and sweet.
Pkt. 10c; Oz. 40c; ¼ lb. \$1.25; Lb. \$4.50.

LARGE BULL NOSE, HOT Medium-sized, square ended fruit; very hot.
Pkt. 10c; Oz. 40c; ¼ lb. \$1.25; Lb. \$4.50.

LARGE SWEET CHEESE A thick-meated, Tomato-shaped Pepper, very prolific and sweet.
Pkt. 10c; Oz. 40c; ¼ lb. \$1.25; Lb. \$4.50.

LARGE SWEET MOUNTAIN Large blocky-fruited variety, medium-early and a good bearer.
Pkt. 10c; Oz. 40c; ¼ lb. \$1.25; Lb. \$4.50.

NEAPOLITAN (SWEET ITALIAN) Extra early, with light green slender fruit growing upright; very mild flavor.
Pkt. 10c; Oz. 40c; ¼ lb. \$1.10; Lb. \$4.00.

RUBY KING An old standard variety with large uniform fruit of fine red color when ripe; sweet.
Pkt. 10c; Oz. 40c; ¼ lb. \$1.25; Lb. \$4.50.

WORLDBEATER A very large thick-meated Pepper of mild flavor, maturing early enough to be a good cropper.
Pkt. 10c; Oz. 40c; ¼ lb. \$1.25; Lb. \$4.50.

LONG RED CAYENNE Slender, pointed fruit, somewhat twisted. Bright red and very hot.
Pkt. 10c; Oz. 40c; ¼ lb. \$1.30; Lb. \$5.00.

PUMPKIN

Best results are obtained when planted in rich soil. When the ground has become warm plant the seeds in hills 8 to 10 feet apart each way. The vines being rank growers require ample space in which to spread. Thin out the seedlings, leaving 3 or 4 of the strongest in each hill. Pumpkins are often grown in the cornfield, 3 or 4 seeds being dropped in every third or fourth hill at the same time as the Corn.

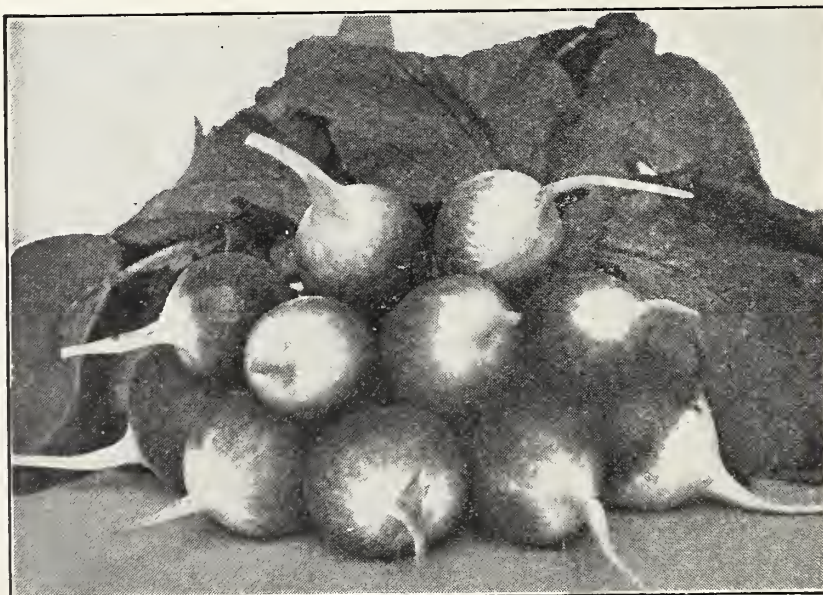
CONNECTICUT FIELD A large, oblong, yellow variety, flattened at the ends; grown chiefly for feeding stock.
Oz. Pkt. 10c; ¼ lb. 20c; Lb. 70c.

KING OF THE MAMMOTHS Fruits grow to an enormous size. The skin is salmon orange with very thick and tender flesh. Used for pies and stock feeding.
Pkt. 10c; Oz. 15c; ¼ lb. 40c; Lb. \$1.40.

SMALL SUGAR Prolific, fine-grained and sweet. One of the best pie Pumpkins.
Oz. Pkt. 10c; ¼ lb. 25c; Lb. 80c.

RADISH

Radish grows quickly and can be sown between rows of slower-growing crops without interfering. For an extra early crop sow in the greenhouse or hotbed in January or February. Garden culture may commence as soon as the frost has disappeared. For a continuous supply sow at intervals of two weeks until September. Sow in rows 8 to 10 inches apart, covering lightly. Be careful to sow the seed very thinly or thin the seedlings to 1 inch apart.



Early Scarlet Turnip, White Tip

EARLY DEEP SCARLET FORCING An early round Radish with extra short top. Ideal for growing in greenhouse or frame.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

EARLY SCARLET GLOBE, SELECT STRAIN Most popular market variety, slightly oval in shape and very bright and attractive in color. Our stock is superior for market use.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 85c; 10 lbs. \$7.50.

EARLY SCARLET GLOBE A good commercial strain, not selected quite to the standard of our Select Strain, but still of good quality.
Lb. 65c; 10 lbs. \$5.50.

EARLY DEEP SCARLET TURNIP A well-known, quick-growing round Radish; deep red in color; extensively used for market.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c; 10 lbs. \$7.00.

EARLY SCARLET TURNIP, WHITE TIP (Sparkler) Round with crimson top and white tip. In every respect a satisfactory sort; tender and crisp.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

FRENCH BREAKFAST Oblong, scarlet with white tip. Good for forcing or outdoor culture.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c.



French Breakfast

LONG WHITE ICICLE A good all year variety with long, waxy, white roots of high quality.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

GIANT WHITE STUTTGART A large summer or fall variety with smooth, white, Turnip-shaped roots 3 to 4 inches in diameter.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 85c.

ROUND BLACK FALL SPANISH Winter variety. Smooth, round, coal-black roots 3 to 4 inches in diameter.
Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 85c.



Early Deep Scarlet Turnip

SALSIFY

Sow in light deep soil in rows 15 inches apart and thin to 2 or 3 inches. The roots should be well-grown in October, when a supply may be stored for winter use, or the roots may be left in the ground like Parsnips.

MAMMOTH SANDWICH ISLAND

Grows to an extra large size and quite smooth. Very mild and delicate in flavor.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 50c; Lb. \$1.75.

SORREL

Often called Sour Grass. When once planted, beds last for several years. Sow in spring or summer in 15 inch rows. Runs to seed unless kept cut.

LARGE LEAVED Large broad leaves, light green in color.

Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.25.

NARROW LEAVED Long slender leaves, rather upright in growth; very desirable new variety.

Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 70c; Lb. \$2.50.

RHUBARB

Rhubarb can be easily grown from seed planted in the spring. Thin the seedlings to 1 foot apart and in the fall or following spring transplant the most desirable of them in rich garden soil 3 feet apart each way. Fertilize heavily for large stalks.

VICTORIA The most popular variety. Large red and green stalks of the best quality.
Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

SPINACH

The most important greens crop. It is very hardy and will stand considerable freezing weather, but many varieties run to seed rapidly in hot weather. It is of easy culture and by successional sowing a supply may be secured throughout the season. For early spring use sow in late September and protect with hay or straw through the winter. May be sown in spring as early as the ground can be worked, either in rows or broadcast. Summer sowings should be on freshly plowed ground and the soil packed hard about the seed, as the seed will not germinate in dry soil.



King of Denmark

SAVOY LEAVED, RESELECTED (DARK GREEN)

A valuable hardy variety for spring or fall sowing, but runs to seed quickly in hot weather. This strain has extra dark green leaves, very thick and finely curled. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$3.00.

SAVOY LEAVED, LONGSTANDING

An outstanding improvement in Spinach for late spring and summer use. Matures a few days later than the reselected type and runs to seed very slowly, even in hot weather. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$3.00.

SAVOY LEAVED, VIRGINIA YELLOWS RESISTANT

A special type developed by the Virginia Experiment Station to overcome the "yellows", or Spinach Blight, which seriously affects the fall crop. Very hardy and grows vigorously in the late fall, but cannot be sown at other seasons without quickly running to seed. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$3.25.

NOBEL GIANT (IMPROVED THICK LEAVED)

A new variety in the Viroflay class, very large leaved, medium green in color and long standing.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$3.00.

LARGE VIROFLAY, RESELECTED

An improved type of Viroflay with very broad leaves, dark green and quick growing. One of the best smooth leaved varieties.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$3.00.

KING OF DENMARK

Vigorous, spreading plant with long-stemmed dark green leaves, very slow in growth and standing longer than any other variety before running to seed.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$3.25.

PRINCESS JULIANA

An outstanding type of longstanding Spinach. Very large crumpled leaves of an intense dark green color, forming a compact rosette. While it is slow growing it may be cut much earlier than King of Denmark.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 40c; 10 lbs. \$3.25.

NEW ZEALAND

A plant used like Spinach, but entirely different. It flourishes in almost any soil and grows most rapidly during hot weather. It is of a running and branching nature and continues to grow after cutting, thus producing a supply of greens throughout the season. Only the tender tips of the branches should be used. The seed is very hard-shelled and should be soaked in warm water several hours before planting.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 65c.

MUSTARD SPINACH (TENDERGREEN)

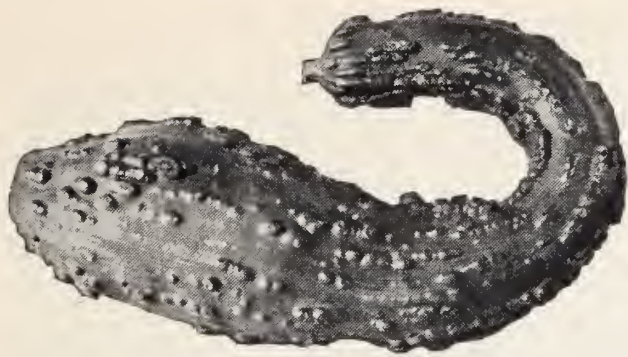
A quick growing greens plant introduced from China. Produces an immense crop of tender Mustard-like leaves in 25 days. Grows well in the hot summer months.

Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

ALL VARIETIES — 25 LBS. OR MORE
10c PER LB. LESS. NOT PREPAID.



New Zealand



Early Bush Summer Crookneck

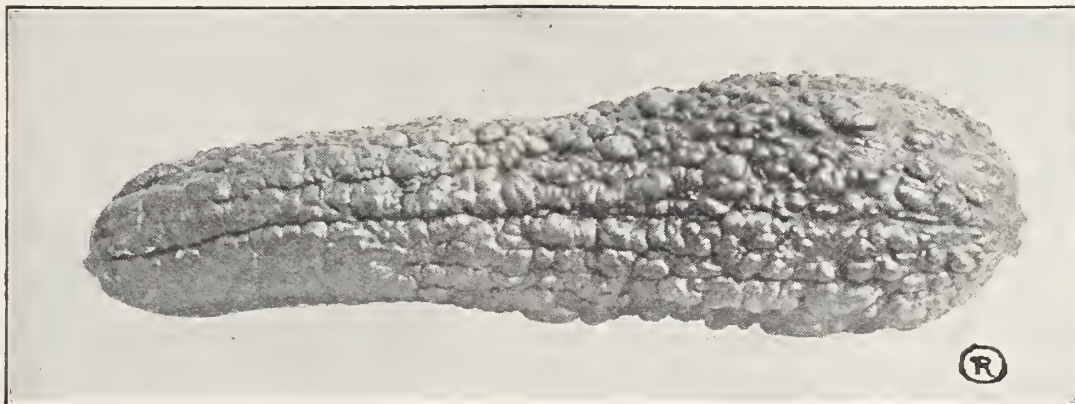
SQUASH

Warm and highly manured soil is required for the most successful culture of Squash. The summer kinds, nearly all of which are of bush growth, should be planted in hills 4 feet apart each way, while the winter and other running varieties require 8 to 10 feet. When thinning, leave only 3 or 4 plants to a hill. Winter Squashes are frequently grown in cornfields in the same manner as Pumpkins.

Summer Varieties

EARLY BUSH SUMMER CROOKNECK One of the best and most popular Summer Squashes. Early and productive; fruits medium size, heavily warted and golden yellow. If fruits are kept picked will bear over a long season. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

GIANT SUMMER CROOKNECK Similar to the early variety, but attains a much larger size and is a better market variety. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 35c; Lb. \$1.20.



Giant Summer Straightneck

GIANT SUMMER STRAIGHTNECK A selection from the Giant Crookneck having a straight instead of a crooked neck. Our strain is the light colored type which brings a higher price in market. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

COCOZELLE (ITALIAN VEGETABLE MARROW) Bush type, bearing long dark green fruit, becoming mottled or striped with yellow when ripe. The green fruits are edible without paring and are of excellent quality. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.30.

ITALIAN CLIMBING Extra long, light green Italian Squash with slender fruit. When grown on a trellis the fruit are quite straight and 4 feet long. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

Winter Varieties

BOSTON MARROW A good-sized fall or winter variety with bright orange skin and thick flesh of good quality. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 30c; Lb. \$1.00.

DELICIOUS Unexcelled as a fall or winter Squash for table use. Fruit medium-sized, heart shaped and varying in color from light to dark green. Flesh dark orange, and, as the name suggests, of delicious flavor. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.30.



Blue Hubbard

BLUE HUBBARD A large bluish-gray Squash with a very hard shell, making it an excellent keeper. Flesh golden, dry and good quality. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.50.

GOLDEN HUBBARD Medium-sized with deep reddish, rough skin and fine-grained sweet flesh. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.30.

HUBBARD Well-known for its good all around qualities. Tough dark green skinned and bright yellow fleshed; when cooked very dry and sweet. Splendid keeper and shipper. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 40c; Lb. \$1.30.

DES MOINES, OR TABLE QUEEN A thin-shelled acorn-shaped variety with trailing vine, dark green skin and light yellow flesh. Fruits are about 8 inches long and are served baked in halves. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 45c; Lb. \$1.60.

TOMATO



Bonny Best, Reselected

To furnish desirable early plants the seed should be sown in February or March in a hotbed or box kept in a warm place. When the plants are about 2 inches high thin, or better, transplant to 4 inches apart each way to ensure stocky plants. About the 10th of May, or as soon as danger from frost is past, transplant to the open ground, setting about 3 feet apart each way. They should be frequently cultivated. The fruit will ripen earlier and be improved in quality if the vines are pruned to two stems and trained to stakes or trellises. Plants for late summer and fall crops may be started from seed in May or early June.

Early Varieties

BONNY BEST, RESELECTED A popular variety with market gardeners and excellent for home use. It ripens evenly and nearly as early as the extra early varieties and is smooth and free from cracks. The bright scarlet fruits are firm and of good quality. Seed saved from plants carefully selected for uniform and perfect fruit.

Pkt. 15c; Oz. 65c; $\frac{1}{4}$ lb. \$2.25; Lb. \$8.00.

BONNY BEST A good commercial strain for general use. Seed of our own growth and of better quality than most strains.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

BREAK O' DAY A new and extremely early, globe-shaped, red variety resembling Marglobe in shape and growth. Although producing a heavy crop of fruit over a long season, it is somewhat liable to discolor in hot weather and is only recommended for early use.

Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.

CHALK'S EARLY JEWEL An early and continuous bearer of large, smooth, bright red fruit. Of finest quality.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

EARLIANA Extra early. Our strain is smooth and deeper colored than the ordinary type.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

JOHN BAER A fine type of round early Tomato. A continual bearer of medium-sized bright red fruit, particularly fine for canning whole.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

WAYAHEAD (POTATO LEAF) A very early, smooth, solid, red fruit with large foliage similar to a Potato; ripens with Earliana and is about the same size.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

Main Crop Varieties

DWARF CHAMPION Second-early deep purple sort with compact and vigorous plants. Produces well in gardens where space is limited.

Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.35; Lb. \$5.00.

DWARF STONE Vine dwarf and stocky, producing large smooth fruit of a fine deep red color.

Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.35; Lb. \$5.00.

LIVINGSTON'S BEAUTY Fine late purple variety; fruit medium-sized and smooth.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

MARGLOBE A bright red, rust-resisting, globe-shaped, second-early variety introduced by the U. S. Department of Agriculture. Very meaty and nearly coreless; valuable shipping and market variety.

Pkt. 10c; Oz. 35c; $\frac{1}{4}$ lb. \$1.20; Lb. \$4.00.

MATCHLESS A vigorous grower and great yielder of rich cardinal red fruits of exceptional merit. Unsurpassed for home and market.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00; Lb. \$3.60.

PONDEROSA One of the largest and heaviest Tomatoes grown; purplish crimson in color. The fruit is very fleshy with few seeds and practically free from acidity.

Pkt. 10c; Oz. 50c; $\frac{1}{4}$ lb. \$1.75; Lb. \$6.00.

GREATER BALTIMORE One of the finest main crop sorts. Vine vigorous with large leaves; fruit bright scarlet, solid and ripening evenly to the stem. Slightly earlier than most late sorts. Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 85c; Lb. \$3.00.

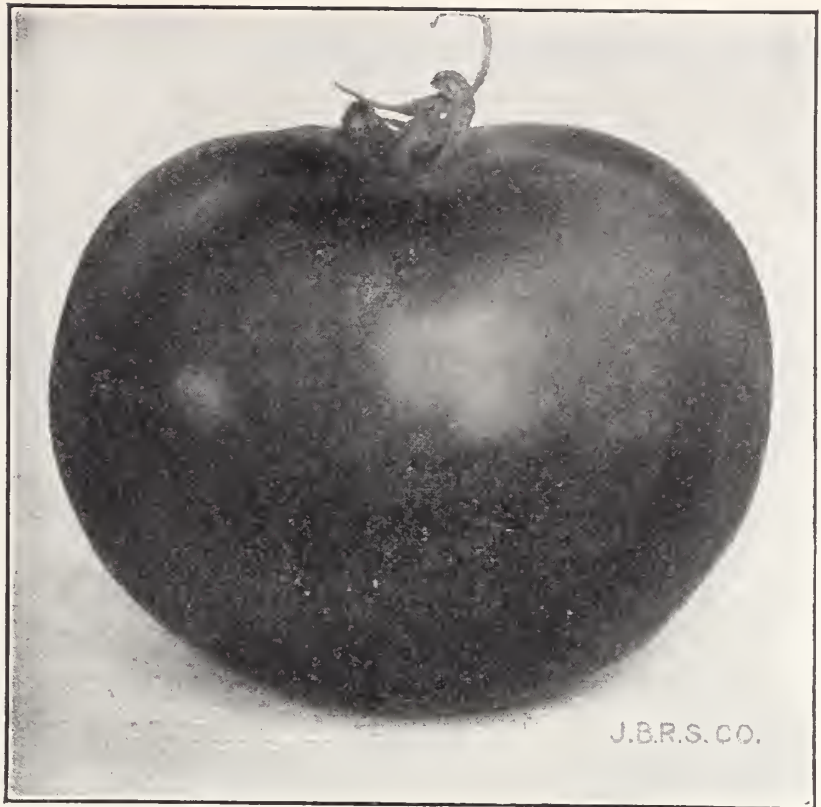
STONE Standard late red sort for general use. Pkt. 10c; Oz. 25c; $\frac{1}{4}$ lb. 85c; Lb. \$3.00.

GOLDEN QUEEN Beautiful bright yellow; of large size; smooth and early. Good for slicing and preserving. Very attractive when served in alternate slices with red varieties. Pkt. 10c; Oz. 50c; $\frac{1}{4}$ lb. \$1.75.

Small Fruited Varieties

Yellow Peach	Red Currant
Yellow Pear	Red Cherry
Yellow Plum	Red Peach
Strawberry or Husk	Red Pear
Red Plum	

Pkt. 10c; Oz. 50c.



Greater Baltimore

TURNIP

The Turnip is a cool weather crop and should be sown very early in spring for early use, generally in rows 15 inches apart. For fall use sow broadcast in late July or August, being careful to sow the seed evenly and not too thick.

EARLY PURPLE TOP MILAN Extra early, flat and smooth; white with purple top. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

EARLY WHITE MILAN Pure white and extra early. The early varieties are not good keepers. Generally sold in bunches. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 80c.

EARLY SNOWBALL Desirable for table use and early market. Medium size, round and snowy white. Pkt. 10c; Oz. 15c; $\frac{1}{4}$ lb. 25c; Lb. 80c.



Improved Purple Top Yellow

GOLDEN BALL A medium-sized, smooth, round root with deep yellow skin and light yellow flesh; fine garden variety. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 60c.

LARGE YELLOW GLOBE Fine standard variety for table use or feeding stock. Grows to a large size and is a reliable winter keeper. Yellow with a green top; fine-grained. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 60c; 5 lbs. \$2.50.

PURPLE OR RED TOP WHITE GLOBE A large white globular root with clearly defined purple top; fine for market and private use. Mild flavor. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 60c; 5 lbs. \$2.50.

WHITE EGG A beautiful egg-shaped Turnip of quick growth. Thin white skin, flesh pure white, firm and sweet. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 60c; 5 lbs. \$2.50.

JAPANESE SHOGOIN A newly introduced variety with smooth leaves which are resistant to plant lice; globe-shaped, smooth, white roots. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 20c; Lb. 65c.

RUTA BAGA

The Swedish Turnip, also known as Stone or Rock Turnip. A very large, late type with bluish leaves and requiring a longer season and more room to develop than the other Turnips. Sow in June in rows 18 to 24 inches apart and thin to 6 inches in the row. May be transplanted.

IMPROVED PURPLE TOP YELLOW Fine shortnecked strain, smooth and medium-sized. Flesh rich yellow, solid and sweeter than ordinary Turnips. Fine keeper when full grown. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 75c; 5 lbs. \$3.25.

MACOMBER (IMPROVED WHITE ROCK) A shortnecked white variety much smoother than other strains. Pure white with slight green top. Oz. Pkt. 10c; $\frac{1}{4}$ lb. 25c; Lb. 75c; 5 lbs. \$3.25.

TOBACCO

Sow seed broadcast in frames as early as danger of frost will permit. Keep warm and well moistened. Transplant into rows 3 to 4 feet apart and cultivate thoroughly. Our seed is from Connecticut Valley strains famous for quality and yield.

CONNECTICUT SEED LEAF A fine broad-leaved type grown extensively for cigar wrappers.

Pkt. 10c; Oz. 30c; $\frac{1}{4}$ lb. \$1.00.

HAVANA Open field type. Smaller leaved than Conn. Seed Leaf and more delicate.

Pkt. 10c; Oz. 40c; $\frac{1}{4}$ lb. \$1.25.

SUNFLOWER

Not a vegetable, but commonly grown in vegetable gardens, and occasionally as an ensilage crop.

MAMMOTH RUSSIAN The giant-flowered tall growing sort with enormous leaves.

Pkt. 10c; $\frac{1}{4}$ lb. 15c; Lb. 25c.

HERBS

Listed among the herbs are found a wide variety of plants used for flavoring and medicinal purposes. Most of them are small seeded and delicate when in the seedling stage. Generally sown in early spring on light soil, not too rich.

ANISE Annual; the aromatic seeds have a pleasant odor and agreeable taste.

Pkt. 10c; Oz. 25c.

BALM Perennial; leaves have a sweet lemon odor.

Pkt. 10c; Oz. 50c.

BORAGE Strong-growing annual; used as a pot herb. The bright blue flowers provide fine bee pasturage.

Pkt. 10c; Oz. 25c.

CARAWAY The seeds are in common use for flavoring bread and pastry. Seeds are not produced until the second year.

Pkt. 10c; Oz. 25c.

CATNIP Grown for the Mint-like leaves which are much relished by cats.

Pkt. 10c; Oz. \$1.00.

CORIANDER Easily grown annual with aromatic seeds; used in confectionery and pastry.

Pkt. 10c; Oz. 25c.

FENNEL, LARGE SWEET Hardy perennial with pleasant tasting seeds and leaves.

Pkt. 10c; Oz. 15c.

HOREHOUND Perennial with bitter tasting leaves, used medicinally.

Pkt. 10c; Oz. 50c.

HYSSOP The flowers of this hardy perennial are used as a mild tonic.

Pkt. 10c; Oz. 50c.

LAVENDER Grown for the sweet-scented flowers. Seed is very difficult to germinate.

Pkt. 10c; Oz. 50c.

PEPPERMINT Well known mint for flavoring.

Pkt. 10c; Oz. \$3.00.

ROSEMARY Hardy perennial with fragrant odor, used for seasoning meats and soups.

Pkt. 10c; Oz. 50c.

RUE Bitter flavored hardy perennial, used medicinally.

Pkt. 10c; Oz. 50c.

SAFFRON A strong-growing annual; flowers are used for coloring.

Pkt. 10c; Oz. 50c.

SAGE, BROAD LEAVED In common use for seasoning. Perennial.

Pkt. 10c; Oz. 40c.

SPEARMINT A spreading perennial for flavoring.

Pkt. 10c; Oz. \$3.00.

SUMMER SAVORY Easily grown annual for seasoning.

Pkt. 10c; Oz. 50c.

SWEET BASIL An aromatic annual with a strong sweet flavor, used for seasoning.

Pkt. 10c; Oz. 50c.

SWEET MARJORAM Annual; the tender leaves and tops are used for seasoning dressings and soups.

Pkt. 10c; Oz. 50c.

THYME, BROAD LEAF An aromatic perennial used in seasoning and medicinally.

Pkt. 10c; Oz. 50c.

WORMWOOD An extremely bitter perennial used medicinally. Sometimes grown for its attractive silvery foliage.

Pkt. 10c; Oz. 50c.



HOW TO PREPARE AND MAINTAIN A LAWN

Keep your lawn in good condition by sowing a little new seed when needed and top dressing it occasionally with Wizard Sheep Manure, Bone Meal or some other good lawn fertilizer and you can often save the expense of plowing and reseeding the lawn.

Lawn Grass seed may be sown any time between April and the end of September. Some gardeners claim that the best lawns are produced by sowing in early spring; others consider the fall the most desirable season, because the conditions are then ideal for the rapid germination of seed, the roots become firmly established before the severe winter sets in, and with the advent of warm weather in spring the grass starts into luxuriant growth, while the strong roots enable it to resist the scorching heat of summer.

To ensure a good and permanent lawn, the soil should be clean, enriched with Bone Meal or Wizard Sheep Manure, thoroughly pulverized to a depth of 6 to 9 inches, and fairly moist when the seed is sown. Having made the surface as fine and level as possible with a rake or harrow, sow the seed broadcast, choosing a calm day for the operation, so that it may be evenly distributed. Cover the seed by going over the surface with a fine tooth rake and afterward with a roller. It is important to thoroughly roll the lawn after sowing to press the seed in firmly and make a hard smooth surface.

Lawns are benefited and improved in appearance by frequent mowing until the grass ceases to grow in the fall. Stable manure is often spread over the lawn when the ground freezes and removed in early spring, but as this treatment produces an unsightly effect, many prefer to use commercial fertilizers or Wizard Sheep Manure as a top dressing. It is an excellent practice to renovate and freshen the lawn every spring or fall with a little new seed. Bare spots should be loosened with a sharp rake and given a good dressing with fertilizer thoroughly raked in before sowing the seed. One pound of seed is required for 400 square feet. 25 pounds for one quarter acre, 100 pounds for an acre.

LAWN GRASS MIXTURES

FINE LAWN MIXTURE Composed entirely of fine-leaved grasses in proper proportion to produce the finest, velvety, permanent lawns.

Lb. 45c; 10 lbs. \$3.80, postpaid.

Not prepaid, 100 lbs. 33c per lb.

SHADY PLACE MIXTURE This is a mixture of the grasses best adapted to endure the dry and impoverished soil condition often found in the shade of large trees. Can be used with good results in dry sunny places.

Lb. 45c; 10 lbs. \$4.00, postpaid.

Not prepaid, 100 lbs. 35c per lb.

QUICK GREEN MIXTURE Based upon the same grasses as our Fine Grass Mixture, this contains some quicker growing, less permanent grasses which give an immediate effect. After the short lived grasses disappear the hardier ones remain to make a fine permanent lawn.

Lb. 40c; 10 lbs. \$3.50, postpaid.

Not prepaid, 100 lbs. 30c per lb.

WHITE DUTCH Creeping variety, valuable for pastures and lawns. (See page 28).

$\frac{1}{4}$ lb. 25c; Lb. 70c, postpaid.

Not prepaid, 100 lbs. 60c per lb.

Reliable Grass Seeds

Prices subject to change, according to market fluctuations. We advise writing for prices on all Grass and Field Seeds. We do not offer mixtures, except for Lawn Grass, but shall be glad to suggest the proper proportions for different uses if we are advised of the location and kind of soil. There is no extra charge for supplying grasses mixed according to your specifications. Quantities of 15 lbs. or more of a variety will be furnished at the 100 lb. rate, less quantities at a slight advance.

PRINCE EDWARD ISLAND BENT A strain of Rhode Island Bent, grown on Prince Edward Island. An extremely hardy, very fine-leaved grass for lawns and golf courses, either pure or in mixtures.

Lb. \$2.00; Not prepaid, 100 lbs. \$1.50 per lb.

COLONIAL BENT A very pure strain of Rhode Island Bent grown in New Zealand.

Lb. \$1.50; Not prepaid, 100 lbs. \$1.15 per lb.

SEASIDE BENT (CREEPING) An Oregon strain which produces wonderfully fine turf on moist soils.

Lb. \$2.00; Not prepaid, 100 lbs. \$1.50 per lb.

SOUTH GERMAN BENT A natural mixture containing various Bent Grasses, all fine-leaved.

Lb. \$1.50; Not prepaid, 100 lbs. \$1.15 per lb.

CHEWING'S FESCUE The leaves of this New Zealand grass are dark green and fine, forming a close and lasting turf. Thrives on dry, sandy soils, but does well on heavy land and in shady places.

Lb. 55c; Not prepaid, 100 lbs. 45c per lb.

KENTUCKY BLUE GRASS A fine-leaved dark green grass; one of the principal constituents of good lawn mixtures. Also a good pasture grass on sweet soils.

Lb. 40c; Not prepaid, 100 lbs. 30c per lb.

DOMESTIC RYE GRASS A quick growing grass very valuable as a cover crop and in lawn grass mixtures to produce a quick turf or to cover banks and terraces temporarily.

Lb. 15c; Not prepaid, 100 lbs. 10c per lb.

RED TOP (HEAVY RE-CLEANED SEED) Used generally as a fine-leaved hay grass. Also used in lawn mixtures to form a quick turf of good quality.

Lb. 25c; Not prepaid, 100 lbs. 18c per lb.

ROUGH STALKED MEADOW GRASS Related to Kentucky Blue Grass but is more permanent in dry and shady places.

Lb. 45c; Not prepaid 100 lbs. 35c per lb.

TIMOTHY The common hay grass. Produces a heavy crop on almost all soils.

Lb. 15c; Not prepaid, 100 lbs. 8c per lb.

ORCHARD GRASS A valuable pasture grass, best adapted to shady and moist places.

Lb. 25c; Not prepaid, 100 lbs. 15c per lb.

ALFALFA

GRIMM (IDAHO BLUE TAG) The highest grade of one of the hardiest strains; State Certified seed. Be sure to inoculate Alfalfa except when resowing old fields.

Lb. 48c; Not prepaid, 30 lb. sealed bags 40c per lb.

CLOVERS

ALSIKE On either dry or poorly drained soils Alsike is longer lived than Medium Red. Should be used in all hay and pasture mixtures.

Lb. 34c; Not prepaid, 100 lbs. 25c per lb.

MEDIUM RED Northern grown seed adapted to the New England climate. No other clover is so extensively planted.

Lb. 35c; Not prepaid, 100 lbs. 26c per lb.

WHITE DUTCH CLOVER Our mixtures of lawn grass contain only a minimum quantity of Clover, which some consider as desirable for lawns. If desired it can be purchased separately and added as needed. For dry banks and poor soil we recommend the addition of 1 lb. to each 15 lbs. of lawn grass mixture.

Lb. 70c; Not prepaid, 100 lbs. 60c per lb.

WHITE SWEET Tall-growing biennial variety. Thrives on all but very acid soils. Valuable for pasturage and for soil improvement.

Lb. 15c; Not prepaid, 100 lbs. 12c per lb.

CRIMSON An annual variety much used as a cover crop, but not entirely dependable for hardiness in New England.

Lb. 20c; Not prepaid, 100 lbs. 14c per lb.



Alsike or Swedish Clover

FIELD AND FORAGE CROPS

Not prepaid except as indicated.
Prices of all Field Seeds subject to change.

- BARLEY, ODERBRUCKER** Six-rowed; heavy yielding; for hay or cover crop.
Bushel \$1.30, 48 lbs.
- BARLEY, BEARDLESS** More satisfactory for stock feeding on account of lack of beards.
Bushel \$1.50, 48 lbs.
- SOY BEANS, MANCHU** One of the best varieties of this valuable fodder and soiling crop. Produces a heavy crop of fodder, high in food value. For plowing under they have a soil building value equal to Clover.
Bushel \$2.00, 60 lbs.
- CANADA FIELD PEAS** Commonly grown with Oats for a spring fodder or hay crop.
Bushel \$4.20, 60 lbs.
- BUCKWHEAT, JAPANESE** Strong-growing variety. Good cover crop on poor land.
Bushel \$1.75, 48 lbs.
- RAPE, DWARF ESSEX** Forage crop for stock and poultry. Quick-growing Cabbage-like leaves, very tender and palatable.
Lb. 20c; 10 lbs. \$1.75, postpaid.
- SPRING VETCH** Excellent for spring sowing for hay or plowing under.
100 lbs. 10c per lb.
- WINTER VETCH** Sown with Rye or Oats, either in fall or spring, Winter Vetch is a wonderful soil improver. Will succeed on poor sandy soil and is perfectly hardy.
100 lbs. 13c per lb.
- SUDAN GRASS** Wonderful hot weather forage crop, drought resisting and producing a heavier and better quality growth than Millet; greatly relished by stock.
100 lbs. 9c per lb.

- ROSEN RYE** A great improvement in vigor and yield over the common Rye. A cover crop that can be grown without interfering with summer crops.
Bushel \$1.35, 56 lbs.

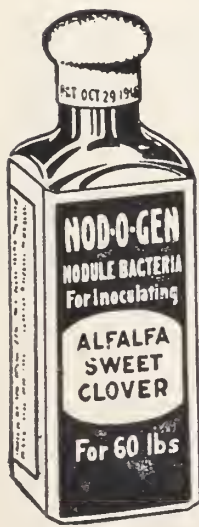
MILLET

- GOLDEN, TENNESSEE CULTIVATED** Medium early; 3 to 5 feet high; best for green feed on light land.
100 lbs. 6½c per lb.
- JAPANESE** Rank grower on rich land; often 5 to 6 feet high. Continues to grow after being cut. Generally used for green feed.
100 lbs. 6½c per lb.
- HUNGARIAN** Summer forage crop; finer-leaved and earlier than other Millets; better adapted for hay.
100 lbs. 6c per lb.

SEED OATS

- SWEDISH SELECT** Heavy strawed variety with very large heavy grain.
Bushel \$1.15, 32 lbs.
- SILVER MINE** Prolific yielder of plump white kernels, straw stands up well.
Bushel 90c, 32 lbs.
- SELECT WHITE** A good selection of heavy oats for green feed or hay.
Bushel 90c, 32 lbs.

NOD-O-GEN



It always pays to inoculate all legumes with their proper bacteria. The easiest and cheapest way of improving the soil and increasing crops.

Each bottle of NOD-O-GEN will inoculate the kinds of seed listed. Be sure to get the right kind for your seed.

1-bus. size for Alfalfa and Sweet Clover..... \$0.75

½-bus. size for Alfalfa and Sweet Clover..... .50

- 1-bus. size for Medium (Red), Mammoth, Alsike, White Dutch, and Crimson Clovers.....\$0.75
- ½-bus. size for Medium (Red), Mammoth, Alsike, White Dutch, and Crimson Clovers .50
- 1-bus. size for Soy Beans..... .50
- 5-bus. size for Soy Beans..... 2.00
- 1-bus. size for all Vetches (Spring, Winter, etc.), Field and Garden Peas, Sweet Peas, and Flat Winter Peas..... .50
- 1-bus. size for Field Beans and Garden Beans .50
- Garden size, Combination for Peas and Sweet Peas, Garden Beans and Limas.... .25

FIELD AND ENSILAGE CORNS



Canada Yellow Flint

Flint Varieties

YELLOW CANADA The common 8-rowed variety. Our strain produces particularly fine crops with large uniform ears.
Bushel \$3.00, 56 lbs.

LONGFELLOW Longer, more slender, and a week later than Yellow Canada; good producer.
Bushel \$3.00, 56 lbs.

Dent Varieties

SWEEPSTAKES Earliest large-stalked ensilage corn which produces matured ears in this climate. Most feeding value per acre of any ensilage corn.
Bushel \$3.00, 56 lbs.

EUREKA ENSILAGE The true southern corn, very large and vigorous. Heavy producer.
Bushel \$3.00, 56 lbs.

VIRGINIA STATE WHITE ENSILAGE Preferred by some to Eureka; slightly earlier and not quite as heavy stalked.

Bushel \$2.90, 56 lbs.

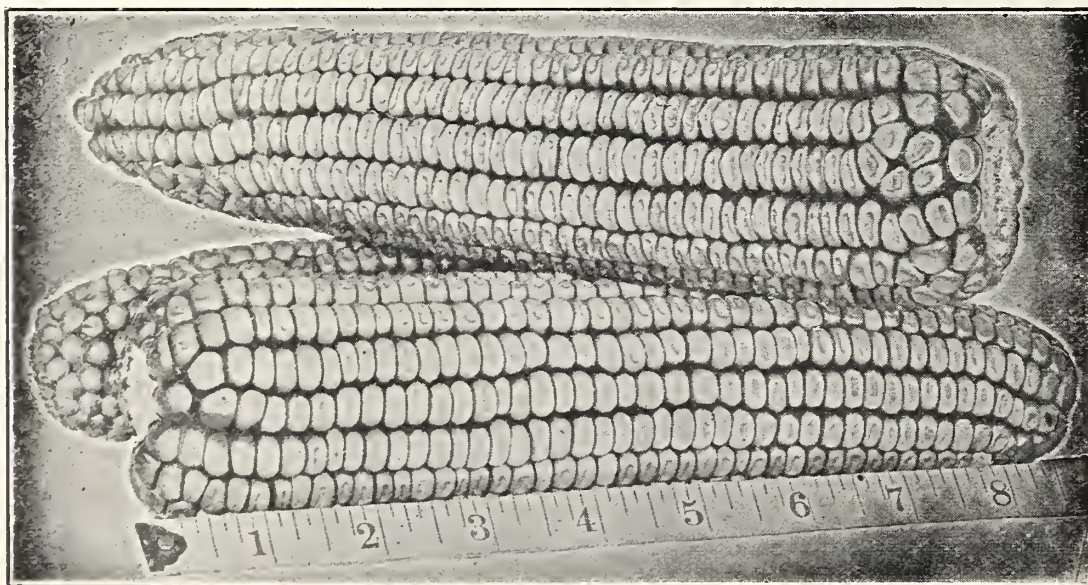
IMPROVED LEAMING An ideal ensilage and grain corn, popular everywhere. Many stalks produce two long ears with deep yellow grain. Ripens in from 110 to 120 days.

Bushel \$2.25, 56 lbs.

SWEET FODDER Large white varieties not quite selected to our seed standard, but of good germination and suitable for planting for fodder.

Bushel \$2.75, 50 lbs.

CRO-CUS Keeps the crows from pulling corn.
2 Bu. size (1 pt.) \$1.00; small size 40c.



Improved Leaming



CRO-CUS

Corn crop insurance against crows. Repels crows, keeps seed from rotting. Labor, time and seed saved. No replanting. One pint treats 2 bu. of corn, small size treats ½ bu.

One Pint \$1.00, postpaid.
Small size 40c, postpaid.



SEED DISINFECTANTS

SEMESAN

for Vegetable and Flower Seeds and Bulbs

A powerful disinfectant for combatting many diseases carried on seeds, bulbs, roots and tubers of flower, vegetable and nursery crops. Reduces seed rotting and damping-off of seedlings. Applied either as a liquid or as a dust. Used extensively as a liquid treatment for controlling "Brown Patch" of lawn and golf green grasses. Two ounces treats 1 bushel of seed.



2-oz. tin	\$ 0.50
1-lb. "	2.75
5-lb. "	13.00
25-lb. pail	56.25
100-lb. drum	220.00

SEMESAN JR.

for Field and Sweet Corn Seed

A dust disinfectant for the control of various root rots; also for the prevention of rotting of early planted corn. It is quickly and easily applied, harmless to the seed and does not appreciably affect the operation of the corn planter. Can be used with crow repellents such as Cro-cus. Use at the rate of 2 oz. per bushel of seed.



4-oz. tin	\$ 0.50
1-lb. "	1.75
5-lb. "	8.00
25-lb. pail	31.25

NU GREEN

for "Brown Patch" of Lawns and Golf Courses

A fungicide useful in the prevention and control of "Brown Patch" of lawns and golf greens. Especially valuable where no regular fertilizing program is followed.

SEED POTATOES

CERTIFIED MAINE GROWN STOCK

IRISH COBBLER The popular variety for early use. Medium-sized, round, thin-skinned tubers of attractive appearance and good cooking quality.

GREEN MOUNTAIN An ideal late variety; strong grower and heavy yielder. The large tubers are oblong in shape, somewhat flattened, with russet skin and shallow eyes. Cooks pure white, dry and mealy; keep well.

Market prices quoted on request.

Used as a liquid treatment and applied with a sprinkling can or with power sprayer. One pound fertilizes and treats 1000 square feet of lawn.

3-oz. tin	\$0.50	5-lb. pail	\$ 9.00
1-lb. "	2.00	25-lb. "	37.50
		100-lb. drum	145.00

SEMESAN BEL

for Seed Potatoes

An instantaneous disinfectant for the control of scab and Rhizoctonia carried on seed potatoes. Quick, easy dip treatment that eliminates labor and loss of time required by 1½ to 2 hour soaking method. One pound treats from 60 to 80 bushels of seed potatoes at a cost of 1½ to 3 cents per bushel.



4-oz. tin	\$ 0.50
1-lb. "	1.75
5-lb. "	8.00
25-lb. pail	31.25

CERESAN

for Seed Grains

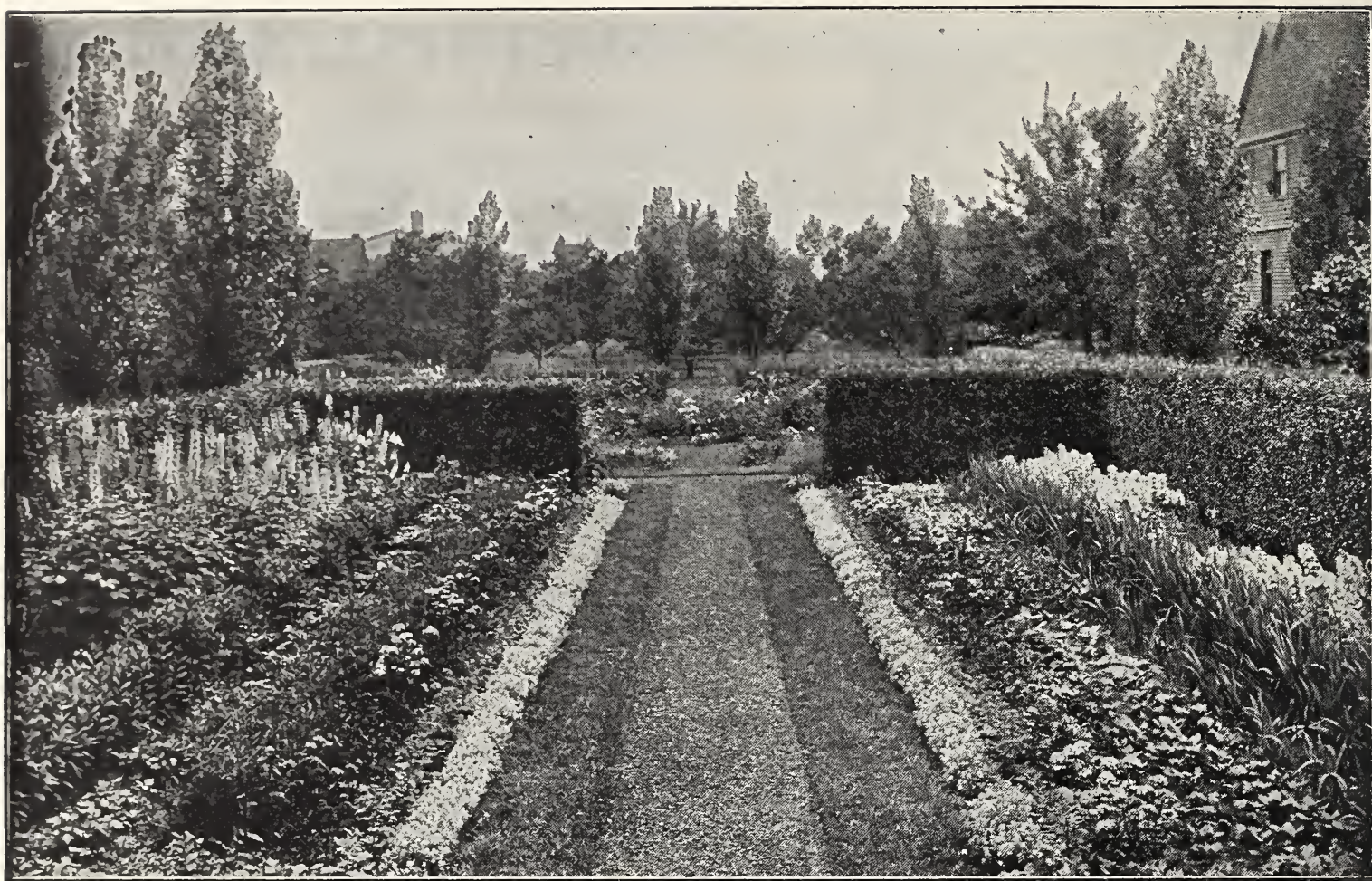
A dust disinfectant for control of certain seed-borne diseases of wheat, oats, barley and other grains; easily applied, harmless to seed and does not interfere with the operation of planters.

Also used as a dust or dip treatment for narcissus bulbs and recommended for vine seeds. Two ounces treats 1 bushel of seed.

8-oz. tin	\$ 0.50	5-lb. tin	\$ 3.00
1-lb. "	.75	25-lb. pail	12.50

Ask for descriptive booklets.

The existing Postal Regulations prohibit the mailing of DUBAY Seed Disinfectants, therefore they can be transported only by Freight or Express.



FLOWER SEEDS OF SUPERIOR QUALITY

Our Flower Seeds have a reputation for fine quality which we strive to maintain and improve wherever possible. They are produced by the most skilled specialists in many parts of the world. To be certain of well-balanced mixtures we mix many from the finest named varieties in proper proportion for best effects. We use every care to sell only strains that can be depended upon for the very finest results.

Excellent success with annuals may be had by sowing in beds where they are to flower. The hardier varieties such as Calendulas, Larkspurs, Centaureas and Poppies may be sown very early, while the more tender Balsams, Nasturtiums, Marigolds and Zinnias are best planted later when the ground is warm. Prepare the soil carefully, making it soft and fine, and sow the seed in rows or broadcast. When the seedlings are large enough thin them out so that they stand about half as far apart as their maximum height.

Very fine seeds, such as Portulaca and Petunia, should be sown on the surface and the soil pressed firmly with a rake or board. Larger seeds may be covered about as deep as four times their diameter. It is well to press the soil firmly above them and water frequently.

Although the seeds of some of the Hardy Perennials are slow and irregular in germination the growing of these plants is generally no more difficult than the Annuals. Usually it requires a full year for the seedlings to reach the blooming stage, but some flower well the first season if started early. Sowing in May and June so that the seedlings will be ready for transplanting early in the fall gives best results. Pansies, Forget-me-nots and Bellis for spring flowering are best planted in July.

To condense description we have followed each variety with letters which indicate as follows: h-hardy; hh-half hardy; t-tender; A-annual; B-biennial; P-perennial; C-climber; R-Rock plant; figures indicate the approximate height. These letters indicate the manner in which the plants are commonly used, rather than a strict botanical classification.

ACHILLEA (Sneezewort) [hP 2 ft.]

Ptarmica, The Pearl Clusters of small double white flowers borne in profusion throughout the summer. Fine for cutting. Pkt. 10c.

AGERATUM MEXICANUM (Floss Flower) [hhA] Useful for bedding, remaining in bloom all summer. Small feathery flowers in large clusters.

Blue 18 in. Useful for cutting. Pkt. 10c; Oz. 40c.
Imperial Dwarf Blue 10 in. Fine bedding plant. Pkt. 10c; Oz. 50c.

ALYSSUM (Madwort) Most useful, compact, free-flowering plants for edgings.

Maritimum [hA 10 in.] Fragrant, good for cutting. Pkt. 10c; Oz. 30c.

Little Gem (Compactum) [hA 6 in.] Dwarf, blooms profusely. Pkt. 10c; Oz. 50c.

Carpet of Snow (Procumbens) [hA 4 in.] Dwarf and spreading, pure white. Pkt. 10c; Oz. 50c.

Saxatile Compactum (Basket of Gold) [hP R 9 in.] Golden yellow, flowering in early spring. Pkt. 10c; ¼ Oz. 20c.

AMARANTHUS [hhA] Ornamental foliage plants, useful for backgrounds.

Molten Fire 2½ ft. Intense glowing scarlet. Pkt. 10c.

Mixed 3 ft. Many beautiful varieties. Pkt. 10c; Oz. 25c.



Antirrhinum

ANCHUSA

Italica, Dropmore variety [hP-3 ft.] The flowers resemble large Forget-me-nots of intense blue. Blooms in June and July. Pkt. 10c.

ANTHEMIS

Kelwayi [hP-2 ft.] Golden yellow daisy-like flowers from July until frost. Pkt. 10c.

ANTIRRHINUM (Snapdragon) [hA-B]

Semi-dwarf Mixed 18 in. Splendid large-flowered bedding type. Pkt. 10c; ½ Oz. 25c.

Tall Maximum Mixed 3 ft. Giant-flowered, requires staking. Pkt. 10c; ½ Oz. 50c.

AQUILEGIA (Columbine) [hP]

Long-spurred Hybrids 2½ ft. A new strain, extra large flowered in finest color combinations. Pkt. 15c; ⅛ Oz. 45c.

Coerulea (Rocky Mountain Columbine) 2 ft. Deep blue and white. Pkt. 15c.

ARABIS (Rock Cress) [hP-R]

Alpina 9 in. Spreading tufts which become a sheet of white bloom in early spring. For sunny rockeries. Pkt. 10c.

ARCTOTIS (African Daisy, blue-eyed) [hA]

Grandis 2 ft. Daisy-like white flowers, long stemmed. Pkt. 10c.

ARMERIA (Thrift or Sea Pink) [hP-R]

Maritima 6 in. Deep rose, beautiful for edgings. Pkt. 10c.

ASTER [hhA] Has few rivals for popularity. Ideal as a bedding plant and unexcelled for cutting. We offer a wide variety of types differing in shape of flower, height and season. Arranged in order of earliness.

Queen of the Market 18 in. Extra early, full double and free-flowering.

Deep Blue **Dark Scarlet** **Flesh Pink**

Lavender **Rose** **White**

Mixed Pkt. 10c; ¼ Oz. 30c; Oz. \$1.00.

Royal (Early Branching) 2 ft. Early cutting variety.

Lavender **Purple** **Rose Pink**

Shell Pink **White** **Mixed**

Pkt. 10c; ¼ Oz. 35c; Oz. \$1.20.

King 2 ft. Charming type with long very narrow petals, incurved at center.

Mixed Pkt. 10c; ¼ Oz. 30c; Oz. \$1.00.

Paeony Perfection 2 ft. Midsummer type with broad petals.

Mixed Pkt. 10c; ¼ Oz. 30c; Oz. \$1.00.

Giant Crego Comet 2 ft. Giant blooms 4 to 5 inches across with graceful curled and twisted petals.

Lavender **Purple** **Rose Pink**

Shell Pink **White** **Mixed**

Pkt. 10c; ¼ Oz. 35c; Oz. \$1.20.

Simple's Branching 2 ft. Standard cut flower variety; strong and long stemmed with full double flowers, petals incurved.

Crimson **Lavender** **Purple**

Rose Pink **Shell Pink** **White**

Mixed Pkt. 10c; ¼ Oz. 30c; Oz. \$1.00.

Heart of France 2 ft. Best deep red Aster. Branching type. Pkt. 10c; ¼ Oz. 45c; Oz. \$1.60.

Early Beauty 2½ ft. Giant-flowered, medium late, extra long stemmed.

Mixed Pkt. 10c; ¼ Oz. 35c; Oz. \$1.20.

American Beauty 2½ ft. Very desirable late flowering type, flowers 4 to 5 inches in diameter.

Mixed Pkt. 10c; ¼ Oz. 35c; Oz. \$1.20.

California Giants 2½ ft. Outstanding late type with big, long-stemmed flowers, petals twisted and interlaced.

Mixed Pkt. 15c; ¼ Oz. 55c; Oz. \$1.80.



Aquilegia



Queen of the Market Aster

Single California Giants 2½ ft. Giant single flowers with bright yellow center.

Mixed Pkt. 10c; ¼ Oz. 45c; Oz. \$1.50.

California Sunshine 2½ ft. Strikingly beautiful blooms having a single row of petals and a center of tufted short florets.

Mixed Pkt. 15c; ¼ Oz. \$1.00.

Tall Late Varieties Mixed 2½ ft. A wonderful collection of all the different types, in almost every shade. Pkt. 10c; ¼ Oz. 30c; Oz. \$1.00.

AUBRETIA (Rock Cress) [hP-R] Dwarf free-flowering plant with masses of lilac and purple flowers.

Large-Flowered Hybrids 4 in. Splendid mixture. Pkt. 15c.

BALSAM (Lady's Slipper) [hhA] Of pyramidal growth, bearing double, waxy, rose-like flowers which cover the center stalk of the plant.

Double Camellia-flowered Mixed 18 in. Pkt. 10c; Oz. 35c.

BARTONIA [hA] Single, chalice-shaped, golden yellow flowers with center filled with bristling stamens.

Aurea 1 ft. Native species from California. Pkt. 10c.

BELLIS PERENNIS (English Daisy) [hP-R 8 in.] Early spring favorite; fine for borders; benefited by partial shade.

Monstrosa, Double Rose Giant flowered. Pkt. 10c; ¼ Oz. 60c; Oz. \$2.00.

Monstrosa, Double White Pkt. 10c; ¼ Oz. 60c; Oz. \$2.00.

Double Mixed Pkt. 10c; ¼ Oz. 35c; Oz. \$1.20.

CALENDULA (Pot Marigold) [hA 18 in.] Large double flowers; blooms all summer; most useful as a cut flower.

Ball's Gold Handsome golden yellow; long stemmed. Pkt. 10c; ¼ Oz. 20c.

Ball's Orange Fine double orange; plants erect. Pkt. 10c; ¼ Oz. 20c.

Campfire Flat blooms; brilliant orange with scarlet sheen. Pkt. 15c; ¼ Oz. 30c.

Lemon Queen Clear lemon yellow. Pkt. 10c; Oz. 25c.

Orange Giant Extra select garden variety. Pkt. 10c; Oz. 25c.

Double Mixed Many varieties in well-blended mixture. Pkt. 10c; Oz. 20c.

CALLIOPSIS Showy and effective daisy-like flowers for garden decoration and cutting.

Mixed [hA 2 ft.] Yellow, brown and crimson combinations. Pkt. 10c; Oz. 20c.

Lanceolata Grandiflora [hP 2½ ft.] Single flowers of an intense clear yellow, long-stemmed. Pkt. 10c; Oz. 40c.

CAMPANULA A large family whose species bear graceful bell-shaped flowers of pink, white and blue.

Medium (Canterbury Bells) [hB 2 ft.] Erect pyramidal plants with large showy flowers.

Cup and Saucer Mixed Large bells with a flat saucer-shaped calyx, resembling a cup on a saucer. Pkt. 10c; ¼ oz. 35c.

Double Mixed Pkt. 10c; ¼ Oz. 20c.

Single Mixed Pkt. 10c; Oz. 35c.

Persicifolia (Peach Bells) [hP 2½ ft.] One of the fine tall types with long spikes of shallow bell-shaped flowers.

Blue: White: Pkt. 10c.

Carpatica (Hare Bell) [hP-R 6 in.] Dainty bells opening upward, carried on graceful stems above a rosette of shining green leaves. Flowers all summer.

Blue: White: Pkt. 10c.

CANARY BIRD VINE [hA-C 6 ft.] Curious flowers with fringed yellow wings resembling canary birds are borne by this graceful climber. Pkt. 10c; Oz. 30c.

CANDYTUFT [hA 1 ft.] A great favorite for its ease of growth and freedom of bloom. Used for bedding and cutting.

Giant Hyacinth-flowered White Large long spikes resembling a well-formed Hyacinth. Pkt. 10c; Oz. 40c.

Dark Crimson Lilac Mixed Pkt. 10c; Oz. 25c.

Perennial (Sempervirens) [hP-R 8 in.] Pure white with evergreen foliage. Pkt. 15c.

CANNA [tP 3 ft.] Popular bedding plant generally grown from the old roots, but easily grown from seed.

Crozy's Hybrids Dwarf large-flowering varieties. Pkt. 10c; Oz. 25c.

CARDINAL CLIMBER [hA-C 15 ft.] A beautiful vine with fern-like foliage; of rapid growth it soon covers itself with fiery cardinal red blooms. Thrives in warm situations. Pkt. 10c; ¼ Oz. 25c.



Carnation — Margaret

CARNATION Few flowers surpass the Carnation in beauty and fragrance. It is not generally known how easily they can be grown in any garden.

Chabaud's Everblooming, Mixed [hP 18 in.] Large double flowers on long stems; blooms continuously 6 months after planting. Pkt. 10c; $\frac{1}{4}$ oz. 50c.

Margaret, Double Mixed [hhP 18 in.] Generally grown as an annual, flowering 5 months from seed. Pkt. 10c; $\frac{1}{4}$ Oz. 25c; Oz. 80c.

CELOSIA [hhA 3 ft.] Vivid foliage and intense color of flower-heads make the Celosia family the showiest of all border plants. They retain their brightness until frost.

Pride of Castle Gould, Mixed A distinct feathered type with immense heads of the most brilliant colors. Pkt. 20c.

Childsii (Woolflower) Brilliant heads in the form of silky balls. Can be dried for everlasting.

Crimson **Mixed**
Pkt. 10c.

CENTAUREA Characterized by their thistle-like flowers all of this family are useful garden and cut flowers.

Cyanus (Cornflower) Handsome large double blooms sometimes known as "Bachelor's Buttons".

Double Blue **Double Mixed**
Pkt. 10c; Oz. 40c.

Imperialis (Sweet Sultan) [hA 2½ ft.] A most beautiful sort; large double flowers with fine fringed petals, delicately scented. Pkt. 10c.

Gymnocarpa (Dusty Miller) [hP 18 in.] Ornamental silvery foliage, deep cut and attractive. Pkt. 10c.

CERASTIUM

Tomentosum (Snow in Summer) [hP-R 6 in.] Creeping plant with attractive silvery foliage; in bloom, a veritable snowbank of small white flowers. Pkt. 10c.

CHEIRANTHUS

Allionii (Siberian Wallflower) [hB-R 12 in.] Bears a profusion of showy orange flowers in May. Pkt. 10c.

CHRYSANTHEMUM

Coronarium Double Mixed [hA 3 ft.] Showy flowers; white, lemon and orange. Should not be confused with the hardy Chrysanthemums. Pkt. 10c.

CLARKIA

Elegans [hA 2 ft.] A pretty plant with many delicate Carnation-like flowers. Fine for cutting. Pkt. 10c; Oz. 50c.

CLEOME

Pungens (Spider Plant) [hA 4 ft.] Tall growing with curious spidery blossoms; suited for planting among shrubbery. Pkt. 10c.

COBAEA

Scandens, Blue [hhP-C 20 ft.] Rapid growing climber with attractive glossy foliage and graceful bell-shaped flowers. Pkt. 10c.

COCKSCOMB

Empress [hhA 10 in.] Dwarf, with immense combs of brilliant scarlet. Pkt. 10c.

COSMOS [hA] Choice plants for late summer and autumn bloom. Their feathery foliage is used to advantage as a screen or background. The handsome flowers with their broad petals are beautiful both in the garden and as cut flowers.

Extra Early Double Crested Mixed 3 ft. Differs from the single type by having the center composed of small petals completely covering the yellow disc; very artistic. Pkt. 15c; $\frac{1}{4}$ Oz. 55c.

Giant Early Flowering 3 ft. Immense flowers; commencing to bloom 60 days from seed.

Crimson **White** **Pink** **Mixed**
Pkt. 10c; Oz. 40c.

Giant Flowered 4-6 ft. Strong-growing plants, late, flowers 4 to 5 inches in diameter.

Crimson **White Lady Lenox**
Lady Lenox (pink) **Mixed**
Pkt. 10c; Oz. 30c.

CYNOGLOSSUM

Amabile (Chinese Forget-me-not) [hA 2 ft.] Easily grown; has many blossoms each resembling a large Forget-me-not of turquoise blue. Pkt. 10c.

CYPRESS VINE

Scarlet [hA-C 8 ft.] Rapid grower with fine feathery foliage and tiny star-shaped flowers. Pkt. 10c.

DAHLIA [tP 4-5 ft.] If planted early Dahlias bloom freely from seed the first year. The seedlings are very variable but many produce very fine large flowers.

Cactus, Double Mixed Flowers shaggy with curled or twisted petals. Pkt. 25c.

Extra Double Mixed A selection from the best extra-flowered types. Pkt. 25c.

Coltness Hybrids 2½ ft. Dwarf variety with bright single flowers. Fine for low borders, free-flowering. Pkt. 10c.

Single Mixed Artistic flowers on long stems. Pkt. 10c.

DELPHINIUM (Larkspur) [hP 5 ft.] Stately garden plants with tall spikes of flowers in blue shades. Has few rivals as a garden flower.

Single Hybrids Mixed Fine large flowers of all shades. Pkt. 10c; $\frac{1}{2}$ Oz. 25c.

Hollyhock Strain Gigantic spire-like type with immense flowers, mostly double; many new and lovely shades. Pkt. 25c; $\frac{1}{8}$ Oz. 60c.

Selecta Wonderful selection with immense spikes, the flowering part 24 to 30 inches long. Extra double with the very finest colors. Pkt. 30c; $\frac{1}{8}$ Oz. 75c.

Belladonna Clear turquoise blue, spikes of good size for cutting. Pkt. 15c; $\frac{1}{8}$ oz. 30c.

Chinese, Blue Butterfly 18 in. Gentian blue flowers produced freely. Blooms readily as an annual. Pkt. 10c; $\frac{1}{2}$ Oz. 25c.

DIANTHUS (Pinks) A large family of old-fashioned flowers. Prized for their gay colorings and fine cutting qualities.

Heddewigii [hA 12 in.] Superb large flowers, bright colored with fringed petals.

Single Mixed **Double Mixed**
Pkt. 10c; Oz. 50c.

Plumarius, Double Mixed (Clove Pink) [hP 12 in.] Double and semi-double flowers of pink and white with a sweet clove scent. Pkt. 10c; $\frac{1}{4}$ Oz. 35c.

Rock Garden Species Mixed [hP-R 4-8 in.] A fine collection of the tuft forming varieties. Among the best of rock plants. Pkt. 25c; $\frac{1}{8}$ Oz. 75c.

DIDISCUS

Coerulea (Blue Lace Flower) [hA 2 $\frac{1}{2}$ ft.] Delicate umbrella-like lavender flowers; long stemmed and fine for cutting. Pkt. 10c; $\frac{1}{4}$ Oz. 25c.

DIGITALIS (Foxglove) Charming old-fashioned flower with spikes of thimble-shaped drooping flowers.

The Shirley [hP 4 ft.] New giant-flowered strain. Pkt. 10c; $\frac{1}{4}$ Oz. 25c.

DIMORPOTHECA (African Orange Daisy)

Aurantiaca Hybrids [hA 12 in.] Extremely showy; for low beds in sunny locations. Pkt. 10c; $\frac{1}{4}$ Oz. 25c.

DOLICHOS (Hyacinth Bean) [hA-C 10 ft.]

Mixed Ornamental climber with heart-shaped leaves and purple and white pea-like flowers followed by attractive purple seed pods. Pkt. 10c.

ESCHSCHOLTZIA (California Poppy) [hA 12 in.] Very popular for bedding; fine cut foliage and showy flowers.

Golden West Golden yellow. Pkt. 10c.

Waller's Crimson Pkt. 10c.

Mixed A fine selection from new varieties, great range of color. Pkt. 10c; Oz. 20c.

EUPHORBIA (Snow on the Mountain)

Variegata [hA 2 ft.] An old favorite foliage plant with green leaves bordered with white. Pkt. 10c; Oz. 25c.

FOUR O'CLOCK (Marvel of Peru) [tP 2 ft.]

Mixed Free-flowering bushy plant excellent for hedges or low screens. The flowers have the interesting habit of opening in the late afternoon and closing the following morning. Pkt. 10c; Oz. 20c; $\frac{1}{4}$ lb. 45c.



Gaillardia — Portola Hybrids

GAILLARDIA (Blanket Flower) Showy orange and red flowered plants; among the gayest of garden flowers.

Double Mixed [hA 18 in.] Globular heads of tube-shaped florets; sulphur, orange and claret. Pkt. 10c; Oz. 35c.

Grandiflora [hP 2 ft.] Blooms the first season; very showy. Pkt. 10c; Oz. 50c.

Portola Hybrids [hP 2 ft.] Giant bronze red flowers on extra strong stiff stems. Pkt. 15c; $\frac{1}{4}$ Oz. 50c.

GEUM [hP 2 ft.] Flowers like little roses gracefully poised on long stems over rosettes of green leaves.

Mrs. Bradshaw Double orange scarlet. Pkt. 10c.

Lady Strathden Double golden yellow. Pkt. 15c.

GLOBE AMARANTH (Gomphrena) [hA 2 ft.]

Mixed Clover-like blossoms of pink, white and violet. Fine for design and border work as well as a good everlasting. Pkt. 10c; Oz. 20c.

GODETIA (Satin Flower) [hA 2 ft.]

Tall Mixed Native California flower with mallow-like blooms in great profusion. Thrives best in poor soil. Pkt. 10c; Oz. 40c.

GOURDS [hA-C 12 ft.]

Ornamental Fruited Mixed Curious-fruited climbers of the Pumpkin family. Good for covering walls and waste spaces. Pkt. 10c; Oz. 20c.

GYPHOPHILA (Baby's Breath) Graceful plants with innumerable tiny flowers. Much used in bouquets with other flowers.

Elegans, Paris Market [hA 18 in.] Extra large flowered pure white. Sow at intervals. Pkt. 10c; Oz. 20c.

Elegans, Rosea Bright rose. Pkt. 10c.

Paniculata [hP 2 $\frac{1}{2}$ ft.] Pure white with mist like flowers. Pkt. 10c.

Paniculata, Double Improved variety with large double white flowers. Pkt. 20c.

Repens [hP-R] Creeping, fine for rockeries. Pkt. 10c.



Helichrysum

HELIANTHEMUM (Rock Rose)

Mutabile [hP R 12 in.] Interesting evergreen rock plant with delicate small rose-like flowers. Pkt. 10c.

HELICHRYSUM (Strawflower) [hA 2½ ft.]

The finest everlasting for winter bouquets. Cut when one-third open, strip off leaves and hang heads downward to dry.

Fireball Golden Yellow Mixed

Pkt. 10c; Oz. 60c.

HELIOTROPE [tP 2 ft.]

Mammoth Mixed Prized for its large clusters of fragrant flowers. Blooms in summer from seed sown in early spring. Pkt. 10c; ¼ Oz. 35c.

HESPERIS (Sweet Rocket)

Matronalis Mixed [hB 2 ft.] An old time favorite for early spring flowering. Pkt. 10c; Oz. 20c.

HEUCHERA (Coral Bells)

Sanguinea [hP-R 12 in.] Flowers arranged in airy clusters of tiny bells of coral pink on graceful slender stalks. Pkt. 25c.

HOLLYHOCK [hP] Tall stately flower for planting along walls or fences. Old-fashioned favorite.

Chater's Double Mixed 5 ft. Full double flowers resembling small paeonies. Pkt. 10c; ¼ Oz. 25c.

Alleghany, Single Mixed 7 ft. Strong-growing with semi-double flowers 5 inches across. Flowers first year. Pkt. 10c; ¼ Oz. 20c.

HUNNEMANIA (Bush Eschscholtzia)

Fumariaefolia [hA 2 ft.] A lemon colored Poppy often 3 inches across. Useful as a cut flower. Pkt. 10c.

ICE PLANT (Mesembrianthemum)

Tricolor [hhA 6 in.] Interesting trailing plant. Foliage appears as if covered with ice crystals. Pkt. 10c.

KOCHIA (Mexican Fire Bush)

Childsii [hA 2 ft.] Symmetrical and attractive feathery leaved plant turning in autumn to a beautiful bronze red. Pkt. 10c; Oz. 20c.

LANTANA [tP 2 ft.]

New Hybrids Mixed Brazilian shrub that makes a good display the first season from seed. Verbena-like clusters of orange, crimson and rose blooms. Trailing. Pkt. 10c; Oz. 50c.

LARKSPUR [hA 3 ft.] Annual Delphinium. Handsome spikes of blue, pink and white for garden decoration and cutting.

Tall Double Stock-flowered Mixed Spreading lateral-branching with fine double flowers. Pkt. 10c; Oz. 40c.

Giant Imperial Mixed New giant-flowered type growing with long upright stems. Pkt. 20c.

LAVATERA (Annual Mallow) [hA 3 ft.]

Splendens Rosea Large single rose flowers on short stems in the axils of the leaves. Pkt. 10c.

LINARIA (Toad Flax)

Maroccana Hybrids [hA 15 in.] Resembles miniature Snapdragons; crimson, orange and blue. Pkt. 10c.

LINUM (Flax)

Perenne [hP 18 in.] Arching stems surmounted with single light blue flowers. Pkt. 10c.

LOBELIA

Emperor William [hA 4 in.] Compact edging plant covered with intense blue flowers. Pkt. 10c.

LUNARIA (Honesty)

Biennis [hB 2½ ft.] Curious plant cultivated for its seed pods whose round transparent membranes form an ornamental everlasting. Pkt. 10c.



Hollyhock — Chater's Double



Lupine

LUPINE Showy plants with spikes of pea-shaped flowers in long spikes.

Dwarf Mixed [hA 18 in.] Pkt. 10c; Oz. 30c.

Polyphyllus Mixed [hP 2½ ft.] Taller and larger-flowered than the annual. Pkt. 10c; Oz. 35c.



Marigold — African

Polyphyllus, Harkness Regal Hybrids An improved strain with wonderful colorings. Pkt. 15c; ½ Oz. 35c.

MARIGOLD [hhA] Old-fashioned annual of showy bloom for bedding and cutting.

African Tall Double 3 ft. Large full double flowers.

Lemon Ball Prince of Orange Mixed
Pkt. 10c; ¼ Oz. 20c; Oz. 60c.

French Dwarf 18 in. Symmetrical bushy plants with few equals for bedding or edging.

Double Mixed Legion of Honor
Single Mixed

Pkt. 10c; ¼ Oz. 20c; Oz. 50c.

MIGNONETTE [hA 12 in.] Fragrant with inconspicuous flowers, excellent for bouquets.

Common Sweet Old-fashioned border variety. Pkt. 10c; Oz. 20c.

Machet Ruby Immense spikes of reddish green. Pkt. 10c.

New York Market Giant-flowered, greenhouse type. Pkt. 15c.

Machet Mixed Large-flowered sorts. Pkt. 10c; Oz. 30c.



Mignonette

MOONFLOWER [hhA-C 12 ft.]

White Seeded Fine climber with shining heart-shaped leaves and large pure white flowers opening in the evening. Pkt. 10c; Oz. 40c.

MYOSOTIS ALPESTRIS [hhP-R 8 in.] Among the finest of early spring flowers. Generally treated as a biennial like Pansies and English Daisies.

Victoria 6 in. Bright blue; compact habit. Pkt. 10c; ¼ Oz. 35c; Oz. \$1.20.

Indigo Blue Large bright blue. Pkt. 10c; Oz. 60c.

Mixed Blue, rose and white. Pkt. 10c; Oz. 50c.



Nasturtiums

MORNING GLORY [hhA-C 20 ft.] Popular climbers for covering verandas, fences and waste places.

Tall or Climbing Mixed Flowers profusely in many colors. Pkt. 10c; Oz. 15c.

Imperial Japanese, Single Mixed Giant-flowered with attractive large leaves. Pkt. 10c; Oz. 15c.

NASTURTIVM [hhA] Easily grown annual of profuse blooming habit on even the poorest soil.

Dwarf, Named Varieties Mixed 12 in. Fine selection of colors. Pkt. 10c; ¼ lb. 25c.

Tall, Named Varieties Mixed 5 ft. Best large-flowered kinds. For covering fences and trellises. Pkt. 10c; ¼ lb. 25c.

NEMESIA

Mixed [hA 12 in.] An excellent bedding and edging plant which should become better known. Brilliant flowers in many shades. Thrives in warm moist soil. Pkt. 10c.

NEPETA

Mussini [hP 1½ ft.] Aromatic plant of the Mint family with spikes of lavender flowers. Pkt. 20c.

NICOTIANA (Flowering Tobacco)

Sanderae Hybrids [hhA 3 ft.] Sweet scented tubular flowers opening toward evening. Pkt. 10c.

NIGELLA (Love in a Mist) [hA 18 in.]

Miss Jekyell Odd plant with feathery foliage surrounding the double blue flowers. Pkt. 10c.

PANSY [hA-B 8 in.] Our strains are chosen with care from the most experienced growers and are superior in size, substance and colorings.

Giant American Favorite Immense long-stemmed flowers with a great range of color, including many light shades. Pkt. 30c; ⅛ Oz. \$1.50.

Swiss Giants Comparatively new strain with magnificent substance and bright colorings; pre-eminent among the giant strains.

Cardinal Red and Garnet shades.

Lake of Thun Ultramarine blue with deeper blotches.

Rhinegold Golden yellow with brown blotches. Pkt. 25c; ⅛ Oz. \$1.25.

Mixed Containing the richest colors. Pkt. 25c; ⅛ Oz. \$1.20; Oz. \$7.00.

Orchid-flowered Mixed Compact plants with rare light colors. Pkt. 10c; ⅛ Oz. 50c; Oz. \$3.00.

Superb Mixture Mixture of giant types containing a greater range of color than is found in any other strain. Pkt. 20c; ⅛ Oz. 80c; Oz. \$5.00.

Special Mixture Composed of named varieties in proper proportion to make a fine market mixture. Pkt. 10c; ⅛ Oz. 30c; Oz. \$1.75.

Large-flowered (Trimardeau) Standard type with flowers of good size and plants of good habit. Comes true in colors, the best of which are listed below.

Canary Bird Golden yellow, medium size.

Emperor William Fine indigo blue.

Fire King Bright yellow, upper petals crimson.

King of Blacks Jet black.

Lord Beaconsfield Violet shading to white.

Madam Perret Rich red shades.

Prince Henry Large deep blue.

Snowflake Pure white, medium size.

White with Eye Blue center.

Yellow with Eye Dark center.

Pkt. 10c; ⅛ Oz. 35c; Oz. \$2.00.

VIOLA CORNUTA (Tufted Pansy) [hP-R 6 in.]

Mixed Hybrid varieties, growing like small Pansies, but hardier and growing in tufts. Pkt. 10c; ⅛ Oz. 50c; Oz. \$3.00.

PENTSTEMON (Beard Tongue)

Sensation, Improved Hybrids [hP 2 ft.] Tubular flowers on slender spikes, blooming first year if sown early. Pkt. 10c.

PETUNIA [hA] One of the most useful flowering plants, either massed in beds, or in window boxes, as borders or specimen plants. Free of bloom and thrives everywhere, even in partial shade.

Rosy Morn 15 in. Compact; covered with small blossoms of delicate rose pink. Pkt. 10c; ⅛ Oz. 35c.

Rose of Heaven 15 in. Brilliant rose. Pkt. 10c; ⅛ Oz. 35c.

Choice Mixed 2 ft. A fine selection of the more refined colors. Far better than ordinary mixed seed. Pkt. 10c; ¼ Oz. 30c.

Balcony Mixed 12 in. Trailing habit. Covered with masses of flowers. Pkt. 10c; ⅛ Oz. 50c.

Howard's Star 2 ft. Crimson with white star. Pkt. 10c; ⅛ Oz. 25c.

Elk's Pride 2 ft. Deep velvety violet. Pkt. 15c.



Petunia — California Giants

Theodosia 12 in. Giant soft rosy pink, throat veined. Pkt. 20c.

Giants of California 12 in. Immense single flowers with plain waved edges, many beautifully frilled; throats veined. Pkt. 15c.

Double Fringed Mixed 12 in. Full double flowers with delicately fringed edges, splendid pot plants. Pkt. 25c.

PHLOX DRUMMONDII [hA 12 in.] Bushy plants with flat topped clusters of flowers in the most vivid colors, both clear and in a great variety of combinations. Giant-flowered.

Pink	Primrose	Scarlet
White	Mixed	
Pkt. 10c; ¼ Oz. 25c.		

PHYSALIS (Chinese Lantern)

Franchetti [hP 2 ft.] The tall stems bearing bright orange pods are dried for everlastings. Pkt. 10c.

POPPY, ANNUAL [hA] The annual Poppies supply a riot of color in the garden. Available in many types of flower and plant.

Shirley 18 in. Slender with deep cut foliage and delicate silky petaled flowers.

American Legion Scarlet with white cross. Pkt. 10c; Oz. 30c.

Single Mixed Great range of color. Pkt. 10c; Oz. 20c.

Double Mixed Very delicate colors. Pkt. 10c; ¼ Oz. 20c.

Single Mixed 2½ ft. Large-flowered. Pkt. 10c; Oz. 20c.

Double Carnation-flowered Mixed 2½ ft. Giant double flowers with fringed petals. Pkt. 10c; Oz. 20c.

Double Paeony-flowered Mixed 2½ ft. Ball-shaped flowers, petals plain edged. Pkt. 10c; Oz. 20c.

POPPY, PERENNIAL

Horn or Sea Poppy [hP 2 ft.] Gray-green foliage; flowers yellow. Pkt. 10c.

Nudicaule (Iceland Poppy) [hP-R 18 in.]

Sunbeam Strain Bright yellow and orange shades, large-flowered. Pkt. 10c; ¼ Oz. 30c.

Oriental Mixed [hP 2½ ft.] Boldest of all garden flowers. Immense blooms of orange, crimson, rose, etc. Pkt. 10c; ⅛ Oz. 35c.

PORTULACA (Moss Rose) [hA 6 in.] Thrives in dry sunny places. Forms a mat of succulent stems covered with cup-shaped brilliant flowers.

Double Mixed Produces a large proportion of double flowers. Pkt. 10c; ¼ Oz. 50c.

Single Mixed Large-flowered. Pkt. 10c; ¼ Oz. 20c.

PRIMULA VERIS (Primrose) [hP-R 6 in.] Among the earliest of spring flowers. Likes partial shade.

Giant Munstead Strain Large-flowered light shades. Pkt. 20c.

Mixed All colors. Pkt. 10c.

PYRETHRUM (Painted Daisy) [hP 2 ft.] The popular "pink daisy".

Single Mixed All shades of pink to deep crimson and white. Pkt. 10c; ¼ Oz. 35c.

Double Mixed Produces a good proportion of double-flowering plants but may not show double until the second year of flowering. Pkt. 20c.

RICINUS (Castor-oil-bean) [tP] Tree-like plants with enormous palm-like leaves, highly ornamental for backgrounds.

Zanzibariensis Mixed 10 ft. Giant leaves 2 feet across in various colors. Pkt. 10c; Oz. 20c.

All Varieties Mixed 8-10 ft. Pkt. 10c; Oz. 20c.

ROCK GARDEN MIXTURE [hP-R 4-12 in.] A splendid mixture of dwarf growing perennials suited to rock garden culture. Pkt. 15c; ¼ Oz. 50c.

SALPIGLOSSIS (Painted Tongue) [hA 2½ ft.]

Mixed Branching slender stems with Petunia-shaped blooms in attractive violet, crimson and bronze shades veined with gold. Pkt. 10c; ¼ Oz. 30c.

SALVIA (Flowering Sage) The most brilliant of all bedding plants.

Splendens [tA 2½ ft.] Tall brilliant scarlet. Pkt. 10c; ⅛ Oz. 35c; Oz. \$2.00.

Bonfire 2 ft. Dwarf, compact and free-flowering. Pkt. 15c; ⅛ Oz. 40c; Oz. \$2.25.

America 18 in. Long spikes, very uniform and free-flowering. Pkt. 15c; ⅛ Oz. 50c; Oz. \$3.00.

Zurich 12 in. Early, very dwarf and compact. Pkt. 15c; ⅛ Oz. 40c; Oz. \$2.25.

Farinacea [hhP 2 ft.] Light blue; flowers first year if sown early. Pkt. 15c.

SAPONARIA (Soapwort)

Ocymoides [hP-R 6 in.] Trailing with small starry pink flowers. Pkt. 10c.



Scabiosa

SCABOSIA (Mourning Bride) Reliable garden flowers most useful for cutting.

Tall Double Mixed (Pin Cushion Flower) [hA 2½ ft.] Long-stemmed flowers with rounded heads from which the stamens protrude like pins in a pin cushion. Pkt. 10c; ¼ Oz. 20c.

Caucasica [hP 2 ft.] Large flowers of light lavender. Pkt. 15c.

SCUTELLARIA

Coelestina [hP-R 6 in.] Dwarf with large spikes of bright blue flowers. Pkt. 15c.

SHASTA DAISY [hP 2 ft.]

Westralia A glorified form of the common white field daisy with many large blooms 3 to 4 inches across. Pkt. 10c; ⅛ Oz. 25c.

STATICE Free-flowering everlastings in bright clear colors.

Sinuata [hA 2 ft.] Large heads of tube-like flowers on spreading wiry stems.

True Blue	Rosea Superba
White	Mixed
Pkt. 10c; Oz. 25c.	

Latifolia (Sea Lavender) [hP 12 in.] Clouds of tiny lavender flowers. Pkt. 10c.

STOCKS [hA] Fragrant double blooms invaluable for bouquets and floral decorations.

Ten Weeks, Dwarf Double Mixed 12 in. Fine early type for bedding. Pkt. 10c; ¼ Oz. 50c.

Giant Perfection Mixed 20 in. Long-stemmed spikes of fine form. Pkt. 10c; ⅛ Oz. 35c.

STOKESIA (Cornflower Aster) [hP 2 ft.]

Blue Handsome lavender flowers from July to frost. Pkt. 10c.

SUNFLOWER [hA] Showy tall plants for backgrounds.

Dwarf Double 5 ft. Bright saffron, densely double. Pkt. 10c; Oz. 25c.

Cucumerifolius Mixed (Miniature Sunflower) 6 ft. Small single flowers of varied color and shape; good for cutting. Pkt. 10c; Oz. 35c.

Mammoth Russian 10 ft. Tall, generally with one immense flower. Pkt. 10c; ¼ Lb. 15c; Lb. 25c.

SWEET WILLIAM [hP 2 ft.] Well known old-fashioned flower with large, showy, flat clusters of bright flowers.

Single Mixed Very showy heads in many colors. Pkt. 10c; Oz. 30c.

Dark Crimson Rich dark shade. Pkt. 10c; Oz. 40c.

Newport Pink Salmon pink. Pkt. 10c; ¼ Oz. 20c.

Double Mixed Splendid variety. Pkt. 10c; Oz. 50c.

THUNBERGIA (Black Eyed Susan) [tP-C 4 ft.]

Mixed Delicate climber with white and orange flowers; blooms as an annual. Pkt. 10c.

TUNICA

Saxifraga [hP-R 8 in.] Small pink flower for rockeries. Pkt. 15c.

VALERIAN (Garden Heliotrope) [hP 2 ft.]

Mixed Pretty garden plant covered with bloom throughout the summer. White, pink and crimson. Pkt. 10c.

VERBENA [tA 8 in.] Of trailing habit with clusters of bright flowers; in continuous bloom.

Large-flowered Mixed Pkt. 10c; ¼ Oz. 25c; Oz. 80c.

VERONICA (Speedwell)

Longifolia [hP 2½ ft.] Tall spikes of deep blue. Pkt. 15c.

WALLFLOWER Old-fashioned English favorite, fragrant.

Single Mixed [hhB 20 in.] Quite late flowering, best treated as a biennial; protect in winter. Pkt. 10c.

Parisian Forcing Mixed [hA 12 in.] A fine early type for forcing; blooms in open ground in 4 months. Pkt. 10c.

ZINNIA [hA] The newer Zinnias rank among the finest garden plants, succeeding under almost all conditions. Excellent for garden decoration and unexcelled for cut flowers.

Giant Dahlia-flowered 2½ ft. Strong branching type with giant flowers, full double with petals curved at the end, making very deep flowers.

Dream lavender.

Exquisite rose.

Oriole orange and gold.

Polar Bear pure white.

Crimson Monarch best deep red.

Pkt. 15c; ¼ Oz. 50c.

Mixed Originator's Gold Medal Mixture. Pkt. 15c; ¼ Oz. 35c; Oz. \$1.20.



Giant Double Mixed Zinnia

Giant Double 2½ ft. Enormous full double flowers in bright clear colors.

Crimson	Golden Yellow	Purple
Rose Pink	Scarlet	White

Mixed Pkt. 10c; ¼ Oz. 25c; Oz. 90c.

Cut and Come Again Mixed 2 ft. Popular smaller flowered type. Preferred by many as a cut flower. Pkt. 10c.

Crown O' Gold Mixture 2 ft. New type with each petal overlaid with gold at the base although carrying out the individual color at the tip, giving a two toned effect. Pkt. 20c.

SCATTER GARDEN MIXTURE [A 1-3 ft.] A surprise mixture of many fine annuals for planting broadcast or for a garden border. Pkt. 10c; Oz. 40c.

Giant Spencer Sweet Peas

Sweet Peas should be planted in early spring, just as soon as the soil can be worked. As this type tends to branch at the base the seedlings should be thinned to 4 to 6 inches apart for the finest flowers.

America White, flaked scarlet.

Avalanche Glistening pure white.

Charming Rose cerise, finely waved.

Chieftain Satiny mauve.

Commander Godsall Violet blue.

Crimson King Intense crimson.

Gleneagles Large lavender blue.

Hawlmart Pink Rose pink, flushed salmon.

Hawlmart Scarlet Bright deep shade.

Jean Ireland Buff, edged carmine.

Magnet Rich cream pink.

Model Large white, black seeded.

Mrs. Cuthbertson Rose pink, wings white.

Olympia Rich purple.

Pinkie Giant rose pink.

R. F. Felton Large lavender.

Royal Pink Clear bright pink.

Snowball Giant white.

Splendor Red maroon.

Sunset Rich rose, shaded salmon.

Supreme Pale pink.

Valentine Blush pink.

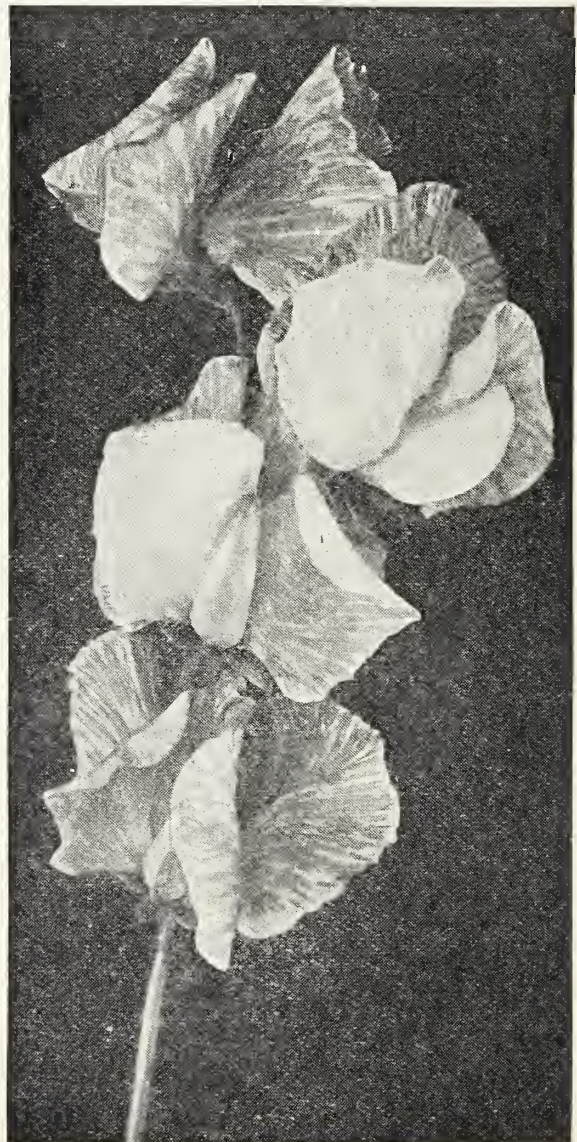
The Sultan Deep maroon.

What Joy Primrose yellow.

Youth Pure white, edged pink.

All the above, Pkt. 10c; Oz. 20c; ¼ Lb. 60c.

Special Spencer Blend Contains all the above and many new varieties. Pkt. 10c; Oz. 15c; ¼ Lb. 50c; Lb. \$1.60.



Spencer Sweet Pea

Winter Flowering Spencers Mixed Early flowering for greenhouse or early outdoor blooming. Pkt. 15c; Oz. 40c.

Inoculation with Nod-o-gen increases the chance for success with Sweet Peas.
Garden size 25c.

Gladiolus Bulbs

Extra select, top size.

- Albania** Large pure white. Each 10c; doz. 80c.
Byron L. Smith Delicate lavender pink. Each 10c; doz. 90c.
Carmen Sylva Pure white, faintly marked violet. Each 10c; doz. 80c.
Dr. F. E. Bennett Peach red, overlaid scarlet. Each 12c; doz. \$1.20.
Giant Nymph Light rose pink. Each 10c; doz. 70c.
Gold Best clear yellow. Each 10c; doz. 80c.
Henry Ford Dark purple. Each 10c; doz. \$1.00.
Longfellow Clear La France pink. Each 12c; doz. \$1.20.
Louise Lavender with dark blotch. Each 10c; doz. 80c.
Mrs. Dr. Norton Pink with sulphur blotch. Each 10c; doz. 80c.
Mrs. Leon Douglas Begonia pink, striped scarlet. Each 10c; doz. 80c.
Odin Deep salmon pink. Each 10c; doz. 70c.
Richard Diener Bright geranium pink. Each 10c; doz. \$1.00.
Sidney Plummer Soft yellow, suffused pink. Each 10c; doz. 90c.
Exhibition Mixture Doz. 50c; 100 \$3.50, post-paid.

INSECTICIDES

- ANTROL** For eliminating ants from homes and gardens. Antrol syrup attracts ants to the jar; they eat it and carry it back to the nest, where the queen ant eats it and the entire colony is destroyed.
 House sets (4 jars and 4 oz. syrup) 95c; 4 oz. bottle syrup 45c; Pint 95c.
- ARSENATE OF LEAD (Dry)** For spraying trees and shrubs and non-edible parts of vegetables against attacks of leaf eating insects. It adheres to but does not injure foliage.
 Lb. 30c; 4 lb. bag 85c.
- BARIUM FLUOSILICATE** Recommended as a control for Mexican Bean Beetle.
 Market price.
- BLACK LEAF 40** An effective soluble insecticide for sucking insects such as plant lice, (aphis), leaf hopper, thrip, etc. Also an easy control for poultry lice.
 1 oz. bottle 35c; 5 oz. bottle \$1.00; 8 oz. bottle \$1.35; 2 lb. can \$3.75; 10 lb. can \$11.85.
- BORDEAUX MIXTURE (Dry)** A fungicide for mildew, blight, rust, scab, and all fungous diseases. 1 lb. makes 5 gallons of spray liquid.
 Lb. 25c; 4 lb. bag 80c.
- BORDEAUX LEAD (Dry)** A combination of Bordeaux Mixture for fungous diseases and poison for leaf eating pests.
 Lb. 30c; 4 lb. bag 85c.
- BUG DEATH** A non-poisonous powder which kills insects eating foliage and flowers. Can be used on all vegetables and flowers either dry or mixed with water.
 Lb. can 35c postpaid.

CALCIUM ARSENATE For spraying or dusting potatoes. Also used to rid ground of earth worms.
 4 lb. bag 65c.

HYDRATED LIME (for dusting) A special form of hydrated lime for diluting insecticides to the proper strength for dusting.
 50 lb. bag 75c.

LIME SULPHUR (Dry) A very effective remedy for San Jose Scale and some fungous diseases. Much easier to use than the liquid.
 Lb. 30c; 5 lbs. \$1.00.

NICOTINE PYROX (Paste) A complete spray material for all chewing and sucking insects and fungous diseases.
 10 oz. jar, 50c.

PYROX (Paste) Kills all leaf eating insects, destroys fungus, blight and rot. Mixes easily in cold water, sprays without clogging and sticks well to foliage.
 Lb. jar, 50c; 5 lbs. \$1.75; 25 lbs. \$6.25.

RED ARROW An exceedingly powerful, non-poisonous, vegetable insecticide, for both sucking and chewing insects. Will not burn, blight or stain the most tender foliage. Kills by paralyzing all insects which it touches. Use 1 oz. to 6 gallons water, ½ lb. to 50 gallons.
 1 oz. 35c; ½ pt. \$1.75.

SNAROL An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers.
 Lb. 45c; 3 lbs. 95c; 15 lbs. \$3.50.

Ask for quotations on larger quantities.
 All insecticides containing poison are unmailable and must be shipped by express.

TWINES

- JUTE** Two ply, in reels weighing about 50 lbs., wound with 50 to 100 parallel strands, for tying vegetables.
 Full reels, 18c per lb.
- JUTE BALLS** Half pound balls, 2, 3 and 4 ply, 22c per lb.
- COTTON** 2½ oz. balls, white, for tying radish and other small bunches. Market price.
- BINDER TWINE** 5 lb. balls. Market price.

CELERY BRAIDS

1000 yard spools

- FAST RED** 13 strand, per spool, 90c.
 17 strand, per spool, \$1.25.
- FAST BLUE** 17 strand, per spool, \$1.25.
- TAPE, FAST RED** Extra heavy, per spool, \$1.75.

SPRING FLOWERING BULBS

for Fall Planting

We shall be prepared to supply Tulip, Hyacinth, Narcissus and other bulbs for winter forcing and outdoor planting for spring flowering. Price list of high quality stock ready in September. Plan now where you would like bulbs to flower next spring.

FERTILIZERS

GARDEN AND POTATO, 5-8-7 This high grade, well balanced, complete fertilizer can be used alone or with compost or barnyard manure, and for general use on all garden crops is excellent. Quick to start, lasting, and sure as to results. Analysis: Nitrogen 5%; Phosphoric Acid 8%; Potash 7%.

100 lbs. \$3.00; 500 lbs. \$12.50.

NITROPHOSKA, 15-30-15 Triple strength inorganic fertilizer, clean and odorless, for general use. Being three to four times as concentrated as ordinary fertilizer, it is easily and quickly applied with highly satisfactory results. For the garden and flowers use 5 to 10 pounds for each 1000 sq. ft. of soil, thoroughly raking into the soil after broadcasting over the surface. For lawns apply 6 to 10 pounds per 1000 sq. ft. in early spring and follow with subsequent applications every two months. Water thoroughly after each application and a vigorous and luxuriant lawn will result.

1 lb. 25c; 5 lbs. 90c; 10 lbs. \$1.50; 25 lbs. \$2.75; 100 lbs. \$8.00.

NITROPHOSKA, 10-20-20 Double strength, slightly stronger in the potash content. Especially adapted for vegetables, fruit and shrubbery. Apply as for the 15-30-15, using $\frac{1}{3}$ to $\frac{1}{2}$ more per 1000 sq. ft.

100 lbs. \$6.00.

BONE MEAL An excellent fertilizer for general use. Used as a top-dressing for lawns, the feeding rootlets assimilate bone meal slowly as it disintegrates over a long period, keeping the lawn in good condition all through the season. Because of its long-lasting qualities, bone meal is very desirable for fertilizing all hard wooded plants, including roses, flowering shrubs, fruit bushes, and trees. A liberal application mixed into the soil when planting bulbs or perennial plants will result in remarkable size and brilliancy of flowers. Use 25 to 50 lbs. per 1000 sq ft..

100 lbs. \$3.50; 500 lbs. \$14.50.

SHEEP MANURE, WIZARD BRAND There is nothing like Wizard Brand Sheep Manure for

improving poor, worn-out soils. Wizard is a natural manure, highly concentrated and sterilized by a special direct heat process that kills all weed seeds. It is uniformly screened, pulverized, and easy to apply.

If gardening is your hobby, you will experience new delight provided you use Wizard to feed your plants. Every gardener knows that manure produces

crisp, tender vegetables of unusual size and flavor. Vegetables must be grown quickly or else they become tough and tasteless. Wizard supplies the food that insures steady growth and early maturity.

5 lbs. 30c; 10 lbs. 50c; 25 lbs. 90c; 100 lbs. \$3.00; 500 lbs. \$13.50.



CATTLE MANURE, PULVERIZED Manufactured by a special process and pulverized so that when used upon the lawn or garden there is no refuse to blow about or be raked off. A highly efficient slow-acting fertilizer.

100 lbs. \$3.00; 500 lbs. \$13.50.

SUPERPHOSPHATE Contains 20% Phosphoric Acid. Valuable for supplementing other fertilizers. Used to increase earliness, quality and firmness of growth of vegetables, fruit and flowers. Also an economical fertilizer for pastures and grass land.

100 lbs. \$2.00; 500 lbs. \$8.50.

NITRATE OF SODA (Reground) Not a substitute for complete fertilizer, but one of the cheapest and best forms in which to apply Nitrogen for forcing quick, vigorous growth. May be applied either dry or dissolved in water. Do not let nitrate touch foliage or it will burn. Water thoroughly after application to lawns. Use 1 lb. per 100 sq. ft. or 1 oz. dissolved in 1 gal. of water.

100 lbs. \$3.75; 500 lbs. \$16.50.

SULPHATE OF AMMONIA (KOPPERS) A highly concentrated form of Nitrogen slightly slower in action than Nitrate of Soda. Used as a top dressing for lawns at the rate of 1 lb. per 150 sq. ft. it produces a rich dark green growth and tends to discourage weeds. May also be used dissolved in water, 1 oz. to 1 gallon.

100 lbs. \$5.00.

GROUND LIMESTONE Finely ground and effective as a neutralizer of soil acidity. It improves the texture of all soils, binding loose soils and opening heavy land. By stimulating bacterial action it liberates nitrogen and other plant food. Apply 100 lbs. per 1000 sq. ft. or 2 tons or more per acre.

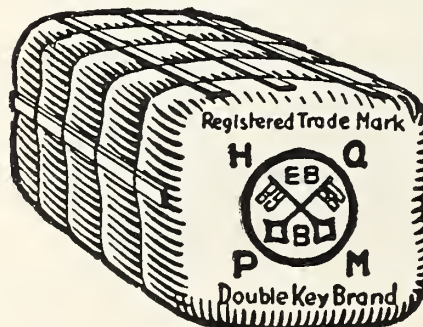
100 lbs. \$1.00; 500 lbs. \$4.00.

HYDRATED LIME Very fine and more concentrated than Ground Limestone. Use $\frac{3}{4}$ the quantity for same results.

50 lbs. 75c; 100 lbs. \$1.40; 500 lbs. \$5.00.

GRANULATED PEAT MOSS The increasing use of Peat Moss for gardens shows a better understanding of its

value. It is a vegetable product which remains in the soil for many years contributing to the formation of humus, making the soil more porous and improving its general texture and condition. It contributes effective



drainage and is a reservoir for storing moisture and air, thereby favoring plant growth. Also used for mulching perennial and rose beds, as well as around evergreens, retaining the moisture so necessary to their growth.

Large bales, make 22 bushel when shaken out.

Per bale \$3.00; 5 bales, \$13.75.

VEGETABLE PLANTING CHART

Vegetable	Planting Distances			Seed Required		Weeks to Mature
	Space Plants in Row	Between Rows	Depth	Per 100 Ft. Row	Per Acre	
Artichoke.....	2 ft.....	3 ft.....	½ in...	1 oz. to 500 plants...	.....	1 year
Asparagus, Seeds.....	2 in.....	1½ ft....	1 in....	1 oz.....	4 lbs.....	3 to 4 years
Asparagus, Roots.....	1½-2 ft....	4 ft.....	5-6 in..	50-75 roots.....	5-7000 roots..	2 years
Beans, Bush.....	3 in.....	2½ ft....	2 in....	1 lb.....	1½ bu.....	6 to 8
Beans, Bush Lima...	15 in. hills.	3 ft.....	1 in....	1 lb.....	1 bu.....	12 to 14
Beans, Pole.....	3 ft.....	4 ft.....	1 in....	½ lb. in hills.....	½ bu.....	8 to 10
Beans, Pole Lima...	3 ft.....	3 ft.....	1 in....	1 lb. in hills.....	½ bu.....	14 to 16
Beets.....	4 in.....	1½ ft....	1 in....	1-2 oz.....	12 lbs.....	8 to 9
Beets, Mangels.....	6-10 in....	2 ft.....	1½ in..	1 oz.....	6 lbs.....	18 to 20
Broccoli.....	2 ft.....	2½ ft....	½ in....	1 oz. to 3000 plants..	4 oz.....	16 to 18
Brussels Sprouts.....	2 ft.....	2½ ft....	½ in....	1 oz. to 3000 plants..	4 oz.....	16 to 18
Cabbage, Early.....	1½ ft....	2 ft.....	½ in....	1 oz. to 3000 plants..	4 oz.....	13 to 14
Cabbage, Late.....	2½ ft....	2½ ft....	½ in....	1 oz. to 3000 plants..	4 oz.....	18 to 20
Carrot, Early.....	2 in.....	1 ft.....	½ in....	1 oz.....	4 lbs.....	8 to 9
Carrot, Late.....	3-4 in....	1½ ft....	½ in....	½ oz.....	3 lbs.....	11 to 12
Cauliflower.....	1½ ft....	3 ft.....	½ in....	1 oz. to 3000 plants..	4 oz.....	15 to 16
Celery.....	3-6 in....	3 to 4 ft..	¼ in....	1 oz. to 10000 plants.	4 oz.....	18 to 20
Chicory.....	4 in.....	1 ft.....	¼ in....	½ oz.....	4 lbs.....	18 to 20
Collards.....	2½ ft....	2½ ft....	½ in....	1 oz. to 3000 plants..	4 oz.....	14 to 15
Corn, Sweet.....	3 ft.....	3 ft.....	1½ in..	1 lb. to 200 hills.....	15 lbs.....	10 to 14
Corn Salad.....	6 in.....	1 ft.....	½ in....	1 oz.....	4 lbs.....	7 to 8
Cress.....	4 in.....	1½ ft....	¼ in....	1 oz.....	12 lbs.....	3 to 4
Cress, Water.....	3 in.....	½ ft....	¼ in....	½ oz.....	.....	.....
Cucumber.....	4 ft.....	4-5 ft....	½ in....	1 oz. to 100 hills.....	3 lbs.....	9 to 10
Dandelion.....	3 in.....	1½ ft....	¼ in....	½ oz.....	3 lbs.....	8 to 9
Egg Plant.....	2 ft.....	3 ft.....	½ in....	1 oz. to 2000 plants..	4 oz.....	20 to 22
Endive.....	1 ft.....	1½ ft....	½ in....	½ oz.....	4 lbs.....	10 to 12
Kale.....	1½ ft....	2½ ft....	½ in....	½ oz.....	3 lbs.....	10 to 12
Kohl-Rabi.....	8-10 in....	1½ ft....	½ in....	½ oz.....	4 lbs.....	10 to 12
Leek.....	6 in.....	1 ft.....	½ in....	½ oz.....	5 lbs.....	14 to 16
Lettuce.....	1-1½ ft....	1½ ft....	¼ in....	1 oz. to 3000 plants..	4 lbs.....	7 to 8
Melon, Musk.....	4 ft.....	4 ft.....	¾ in....	1 oz. to 100 hills.....	3 lbs.....	12 to 14
Melon, Water.....	8 ft.....	8 ft.....	¾ in....	2 oz. to 100 hills.....	4 lbs.....	15 to 16
Okra.....	1 ft.....	2½ ft....	1 in....	2 oz.....	.....	9 to 10
Onion Seed.....	2 in.....	15 in....	½ in....	½ oz.....	5 lbs.....	16 to 18
Onion Sets.....	3 in.....	15 in....	Cover..	3 lbs.....	30 bu.....	5 to 6
Parsley.....	2 in.....	1 ft.....	½ in....	1 oz.....	3 lbs.....	12 to 14
Parsnip.....	5 in.....	1½ ft....	½ in....	1 oz.....	7 lbs.....	16 to 18
Peas.....	2 in.....	3 ft.....	2 in....	1½ lbs.....	2 bu.....	8 to 10
Pepper.....	1½ ft....	2½ ft....	½ in....	1 oz. to 1500 plants..	4 oz.....	18 to 20
Potatoes, Early.....	15 in....	3 ft.....	3 in....	5 lbs.....	14 bu.....	10 to 12
Potatoes, Main Crop.	18 in....	3 ft.....	3 in....	4 lbs.....	12 bu.....	14 to 16
Pumpkin.....	8 ft.....	8 ft.....	1 in....	1 oz.....	4 lbs.....	12 to 14
Radish, Early.....	1 in.....	1 ft.....	½ in....	1 oz.....	12 lbs.....	3 to 4
Radish, Winter.....	4 in.....	1½ ft....	½ in....	1 oz.....	10 lbs.....	7 to 8
Rhubarb.....	3 ft.....	3 ft.....	¾ in....	1 oz.....	4840 roots...	1 to 3 years
Ruta Baga.....	6 in.....	2 ft.....	½ in....	½ oz.....	3 lbs.....	10 to 12
Salsify.....	3 in.....	1½ ft....	½ in....	1 oz.....	8 lbs.....	18 to 20
Spinach.....	3 in.....	1 ft.....	½ in....	2 oz.....	20 lbs.....	8 to 10
Spinach, New Zealand	1½ ft....	3 ft.....	1 in....	½ oz.....	5 lbs.....	10 to 12
Squash, Bush.....	4 ft.....	4 ft.....	1 in....	1 oz.....	3 lbs.....	7 to 8
Squash, Winter.....	8 ft.....	8 ft.....	1 in....	1 oz.....	3 lbs.....	12 to 14
Swiss Chard.....	6 in.....	2 ft.....	1 in....	1 oz.....	.....	7 to 8
Tomato.....	3 ft.....	3 ft.....	½ in....	1 oz. to 3000 plants..	3 oz.....	16 to 18
Turnip, Early.....	4 in.....	1½ ft....	½ in....	1 oz.....	3 lbs.....	8 to 10
Turnip, Late.....	6 in.....	1½ ft....	½ in....	½ oz.....	2 lbs.....	10 to 12
Turnip, Broadcast...	.....	.....	.....	.....	½-1 lb.....	.....

NOTE:— Length of time to maturity varies according to climate, season, soil, geographic location, elevation and variety planted.

Quantity of Seed Required Per Acre

	Quantity per Acre	Lbs. per Bushel		Quantity per Acre	Lbs. per Bushel
ALFALFA	18-20 lbs.	60	KENTUCKY BLUEGRASS	35-40 lbs.	14
BARLEY	1½ bu.	48	LAWN GRASS	100 lbs.	20
BUCKWHEAT	1½ bu.	48	MILLET, GOLDEN	50 lbs.	50
CANADA FIELD PEAS	2½ bu.	60	“ HUNGARIAN	50 lbs.	48
“ “ with oats	1½ bu.		“ JAPANESE	20 lbs.	32
CLOVER, ALSIKE	10-15 lbs.	60	OATS	3 bu.	32
“ CRIMSON	15 lbs.	60	“ with Canada Field Peas	2 bu.	
“ MEDIUM RED	15-20 lbs.	60	ORCHARD GRASS	25-30 lbs.	14
“ WHITE DUTCH	8-10 lbs.	60	RAPE	6-8 lbs.	60
“ WHITE SWEET	20 lbs.	60	RED TOP	12-15 lbs.	35
CORN, FIELD, in hills	¼ bu.	56	RYE	1½-2 bu.	56
“ ENSILAGE, in drills	½ bu.	56	SUDAN GRASS	20-25 lbs.	50
			TIMOTHY	20-25 lbs.	45

INDEX
VEGETABLE SEEDS

	Page		Page
Anise	26	Hyssop	26
Asparagus	3	Kale	14
Asparagus Roots	3	Kohl Rabi	14
Artichoke	3	Lavender	26
Palm	26	Leek	14
Beans, Green Podded Bush	3-4	Lettuce	14-15
Beans, Wax Podded Bush	4	Mangel	6
Beans, Broad Windsor or Fava	4	Muskmelon	16
Beans, Baking Varieties	4	Watermelon	17
Beans, Dwarf or Bush Lima	4-5	Okra	17
Beans, Pole Lima	5	Onion	17-18
Beans, Pole	5	Onion Sets	18
Beans, Green Podded Pole	5	Parsley	19
Beans, Wax Podded Pole	5	Parsnip	18-19
Beet	5-6	Peas	19-20
Beet, Mangel	6	Pepper	20
Beet, Swiss Chard	6	Peppermint	26
Borage	26	Pumpkin	20
Broccoli	6	Radish	20-21
Brussels Sprouts	8	Rhubarb	21
Cabbage	7	Rosemary	26
Cabbage, Chinese or Celery	7	Rue	26
Caraway	26	Ruta Baga	25
Carrot	8	Saffron	26
Catnip	26	Sage	26
Cauliflower	9	Salsify	21
Celeriac	10	Sorrel	21
Celery	9-10	Sour Grass	21
Chicory	10	Spearmint	26
Chives	10	Spinach	22
Ccllards	10	Spinach, Mustard (Tendergreen)	22
Coriander	26	Spinach, New Zealand	22
Corn Salad	10	Squash, Summer	23
Corn, Sweet	10-11	Squash, Italian	23
Corn, Pop	11	Squash, Winter	23
Cress	12	Summer Savory	26
Cucumber	12-13	Sunflower	26
Dandelion	13	Sweet Basil	26
Dandelion, Italian	10	Sweet Marjoram	26
Dill	13	Swiss Chard	6
Egg Plant	13	Thyme	26
Endive	10-13	Tobacco	26
Escarolle	13	Tomato	24-25
Fennel	13-26	Turnip	25
Herbs	26	Turnip, Ruta Baga	25
Horehound	26	Wormwood	26

FLOWER SEEDS

	Page		Page
Achillea	32	Dolichos	36
African Daisy, Blue Eyed	33	English Daisy	34
African Daisy, Orange	36	Eschscholtzia	36
Ageratum	32	Euphorbia	36
Alyssum	32	Flax	37
Amaranthus	32	Floss Flower	32
Anchusa	33	Flowering Sage	40
Anthemis	33	Flowering Tobacco	39
Antirrhinum	33	Four O'Clock	36
Aquilegia	33	Foxglove	36
Arabis	33	Gaillardia	36
Arctotis	33	Garden Heliotrope	41
Armeria	33	Geum	36
Aster	33-34	Gladiolus Bulbs	43
Aubretia	34	Globe Amaranth	36
Baby's Breath	36	Godetia	36
Balsam	34	Gomphrena	36
Bartonia	34	Gourds	36
Beard Tongue	39	Gypsophila	36
Bellis Perennis	34	Helianthemum	37
Black Eyed Susan	41	Helichrysum	37
Blanket Flower	36	Heliotrope	37
Blue Lace Flower	36	Hesperis	37
Bush Eschscholtzia	37	Heuchera	37
Calendula	34	Hollyhock	37
California Poppy	36	Honesty	37
Calliopsis	34	Hunnemania	37
Campanula	34	Hyacinth Bean	36
Canary Bird Vine	34	Ice Plant	37
Candytuft	34	Kochia	37
Canna	34	Lady Slipper	34
Canterbury Bells	34	Lantana	37
Cardinal Climber	34	Larkspur	36-37
Castor-oil-bean	40	Lavatera	37
Carnation	35	Linaria	37
Celosia	35	Linum	37
Centaurea	35	Lobelia	37
Cerastium	35	Love in a Mist	39
Cheiranthus	35	Lunaria	37
Chinese Forget-me-not	35	Lupine	38
Chinese Lantern	40	Madwort	32
Chrysanthemum	35	Marigold	38
Clarkia	35	Marvel of Peru	36
Cleome	35	Mesembrianthemum	37
Cobaea	35	Mexican Fire Bush	37
Cockscomb	35	Mignonette	38
Columbine	33	Moonflower	38
Coral Bells	37	Mourning Bride	41
Cornflower Aster	41	Moss Rose	40
Cosmos	35	Myosotis	38
Cynoglossum	35	Morning Glory	39
Cypress Vine	35	Nasturtium	39
Dahlia	35	Nemesia	39
Delphinium	36	Nepeta	39
Dianthus	36	Nicotiana	39
Didiscus	36	Nigella	39
Digitalis	36	Painted Daisy	40
Dimorpotheca	36	Painted Tongue	40

	Page		Page
Pansy	39	Snapdragon	33
Pentstemon	39	Sneezewort	32
Petunia	39-40	Snow on the Mountain	36
Phlox Drummondii	40	Snow in Summer	35
Physalis	40	Soapwort	40
Pinks	36	Speedwell	41
Poppy	40	Spider Plant	35
Portulaca	40	Statice	41
Pot Marigold	34	Stocks	41
Primrose	40	Stokesia	41
Primula	40	Strawflower	37
Pyrethrum	40	Sunflower	41
Ricinus	40	Sweet Peas	42
Rock Cress	33-34	Sweet Rocket	37
Rock Rose	37	Sweet William	41
Rock Garden Mixture	40	Thrift or Sea Pink	33
Salpiglossis	40	Thunbergia	41
Salvia	40	Toad Flax	37
Saponaria	40	Tunica	41
Satin Flower	36	Valerian	41
Scabiosa	41	Verbena	41
Scatter Garden Mixture	42	Veronica	41
Scutellaria	41	Viola Cornuta	39
Sea Lavender	41	Wallflower	41
Shasta Daisy	41	Zinnia	41-42
Siberian Wallflower	35		

GRASSES and FIELD SEEDS

	Page		Page
CLOVERS		FORAGE SEEDS	
Alfalfa (Grimm)	28	Corn, Ensilage	30
Alsike	28	Corn, Dent Varieties	30
Crimson	28	Corn, Flint	30
Medium Red	28	Corn, Fodder	30
White Dutch	27-28	Barley	29
White Sweet	28	Buckwheat	29
Nod-o-gen, Inoculation for Clover	29	Canada Peas	29
GRASS SEEDS		Millet	29
Bent Grasses	28	Oats	29
Fescue	28	Rape	29
Kentucky Blue	28	Rye	29
Orchard	28	Soy Beans	29
Red Top	28	Sudan Grass	29
Rough Stalked Meadow	28	Vetch	29
Rye Grass	28		
Timothy	28	Nod-o-gen	29
		Crow Repellent-Cro-cus	11-30-31
		Seed Disinfectants	31

FERTILIZERS and MISCELLANEOUS

	Page		Page		Page
Bone Meal	44	Lime, Ground Limestone	44	Insecticides	43
Cattle Manure	44	Lime, Hydrated	44	Lawn Grass	27
Garden Fertilizer	44	Lime, Dusting	43	Seed Potatoes	31
Lawn Fertilizer	44	Peat Moss	44	Twine	43
Nitrate of Soda	44	Complete Fertilizers	44	Semesan	31
Nitrophoska	44	Bulbs	43	Cro-cus, crow repellent	11-30-31
Sheep Manure	44	Celery Braid	43	Nod-o-gen	29
Sulphate of Ammonia	44	Celery Tape	43	Seed Disinfectants	31
Superphosphate	44				

COMSTOCK, FERRE & CO.
WETHERSFIELD, CONNECTICUT.
1932

